



6x9 WHITE GREGG RULED

78-908 80 SHEETS

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EV1010

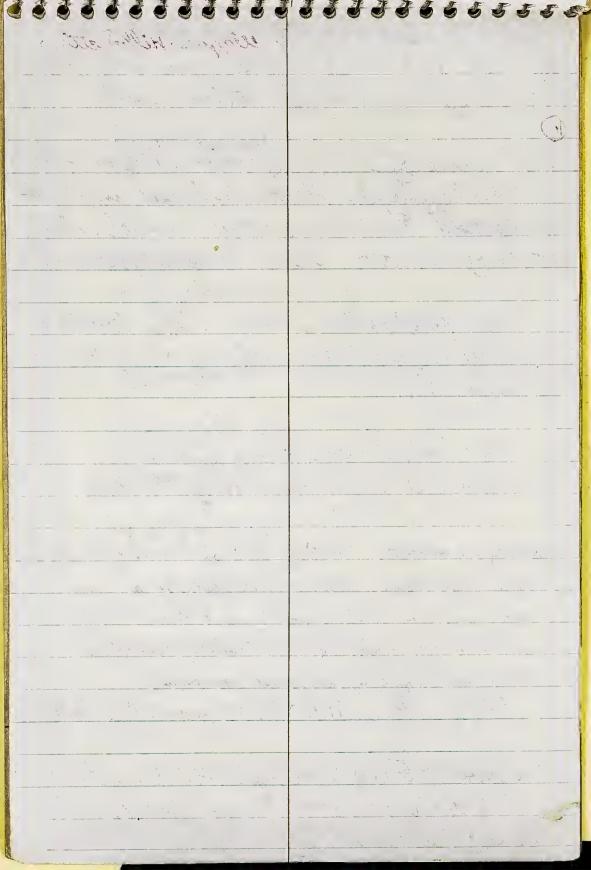


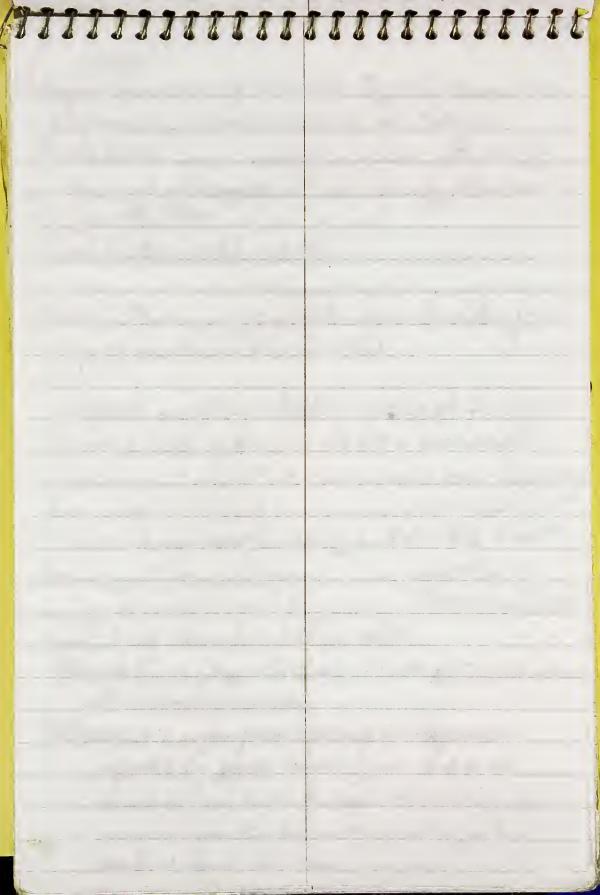
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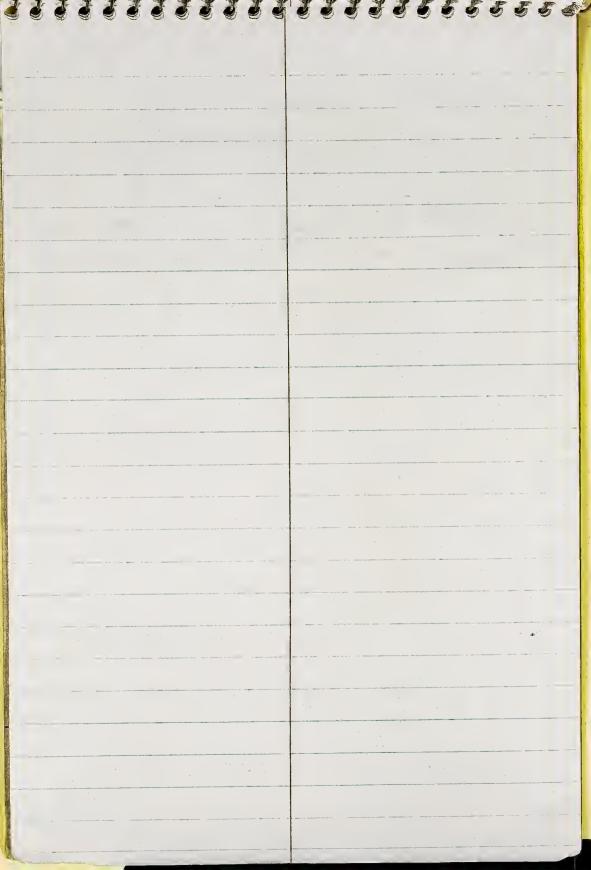
Time R. P. Ross Hon Houffer failed to recognize that there were 28225 2 Receptaculités horizons 000 - one in uppet Stewastille & also in Cummingaville Twin Cities Buckyard is shallower Holozekto souve of silts Which 's by, dropped out due to ahallowing comments by
R. Sloan 5/12/45. (it's miles 5, of Cannon Falls. from Send of town at junction with West Live of el. S. 52 Licolor slick +164 white no tograph. Hammer hered on Unit at top of Unity. C.S. H. B+W#1. She swood Mbt. lip higher in section CS#2 B+W#2. Top of Sherwood Mer & overlying Wall Mar of Prosser For Il Prosper Fin Mile Post 93 close to top of section By W#3 just a few paces N. of M.P. 93 Cyclicity is about 1' to 2/2' through most of section aigill limestone with very silty-shaly breaks - no sequence boundaries as such, but there is a change in about of argillaceous material entiry the dependent system, peror la expersords. St. Paul Minn II 1:250,000 pencilled location hevorson & Elesh's ellagnes Hill section in R. Slosen, ed, 1987. Minn Geol Seeser. Rept. of Invest. 35, Rig. 9.3

Tiene R. P. Roas Dept. Biology Weahington Univ Bellingham WA 98225 -9060 an sha

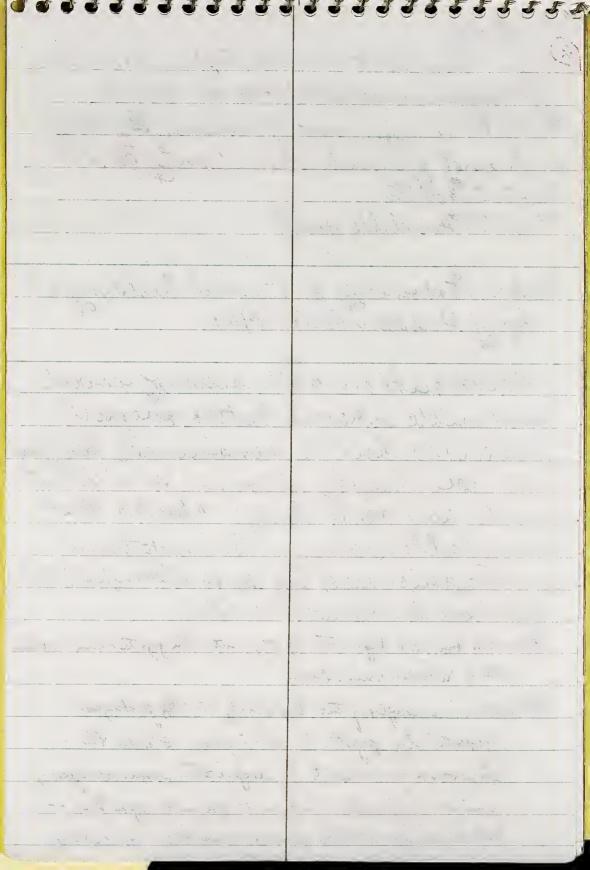
MINISTA. 5/1:2/95. f#2 miles Lannon Falls from S. end of town at junction with West side of el. S. 52 Licolor slick +164 white Photograph. Hammer hered on Unit no 1995. Break in slope is prob. shale at top of Unity. C.S. B. + W#1. She swood Mb+ lip higher in section CS#2. B+W#2. Top & Sherwood Mer. & overlying Wall Mar Il Prosses Fin Mile Post 93 close to top of section B. W. W. Just a few paces N. of M.P. 93 Cyclicity is about 1' to 21/2' through most of section argill limestone with very silty-shaly breaks - no sequence boundaries as such, but there is a change in about of argillaceous material entering the depentional system, pura la experience. St. Paul Minn II 1:250,000 pencilled location hevorron & Gerba's Magner Hill section in Dr. Slosen; ed, 1987. Minn Geol. Seiser. Rept. of Invest. 35, Rig. 9.3



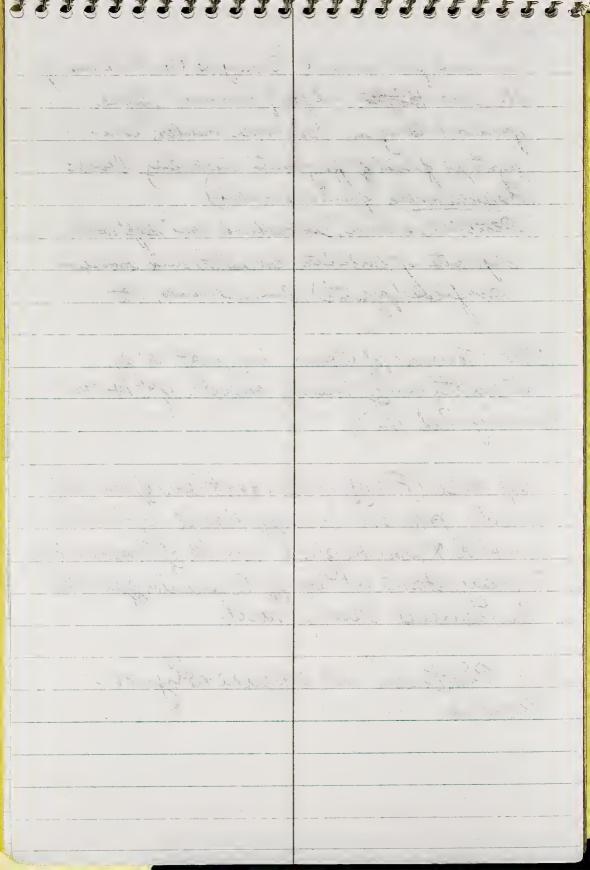


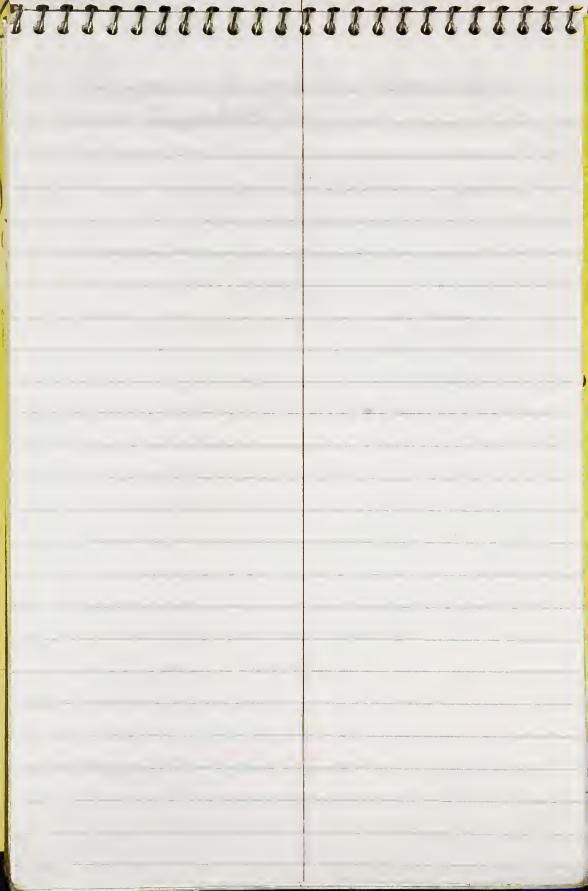


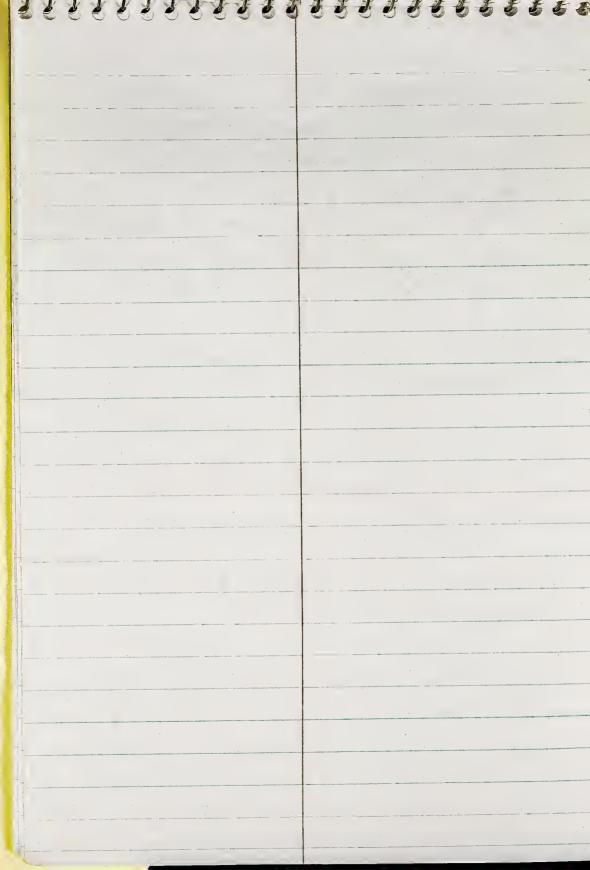
TITITITIE TO THE FOREST TO THE Dogn Roadeut Ounile Sof intersection of Goodhice roccolog+14 on Rd. 14 Photo 8+10 speck aux of section. It side of earth end of roadeut on County Dod 14 Pluto Co3 olitto Photo C.S. 4 mioldle past Photo C. S. Ishowing disturbed beolding at top of Hidden Falls Mbs. Good cuts on both sides of wood. Last ride shows better surrall Leatures hert 2 ironatained horizons are more clearly seen in W. side out. I side has some large blocks that have fallen down. See notations in graphic sect. Fig. 20.4 Slown, (ed.) 1987 (we had lunch at this site). Glenwood Im is a degenwater clastic unit with pyrite + line northlass with a "corresion" gove at base. Plateoille is a complet of two to probably 500 packages separated by partie "correction zone. I take the corrosion zones have to be deep water eximic surfaces of mineral defosotion but not sedement defouther belieath at least two corrosion genes there are beds of



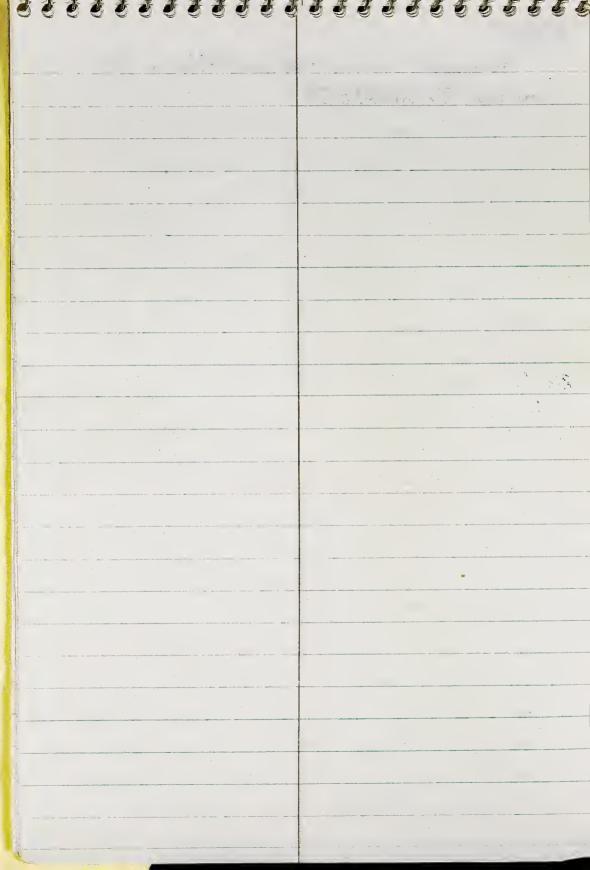
5/12/95 burrowed filled sediment I suspect the Hickness of the leas the it is depth of burrows. Some graded bedding on Carimonia musher; some Repidionella found on one slab) Westeville + lower Decorate she are "deep water deposits of turbiditis (calcisitis) and omission surfaced (paritie), burrowed mucho, etc. (Note: Town of Sogn is just W. of intersection of County souds 94 14 on County had. 14.) elp hill (k.) of inseralction of county Locals 9414 on County Rosed 9, there is an old X in higher units of Broases Fm. It may start at top of Cumningaville, Busioused line mud. This Plateau is apparently on Prosser.



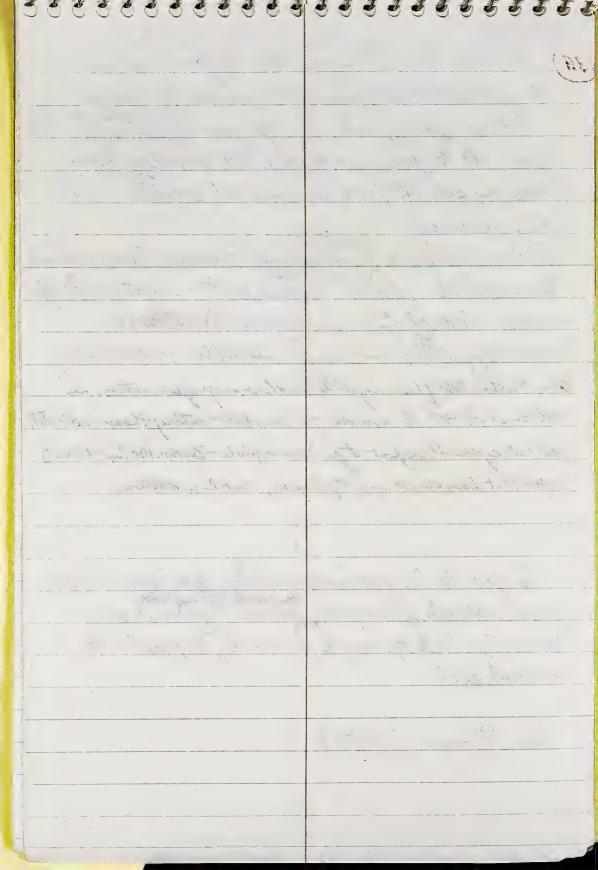




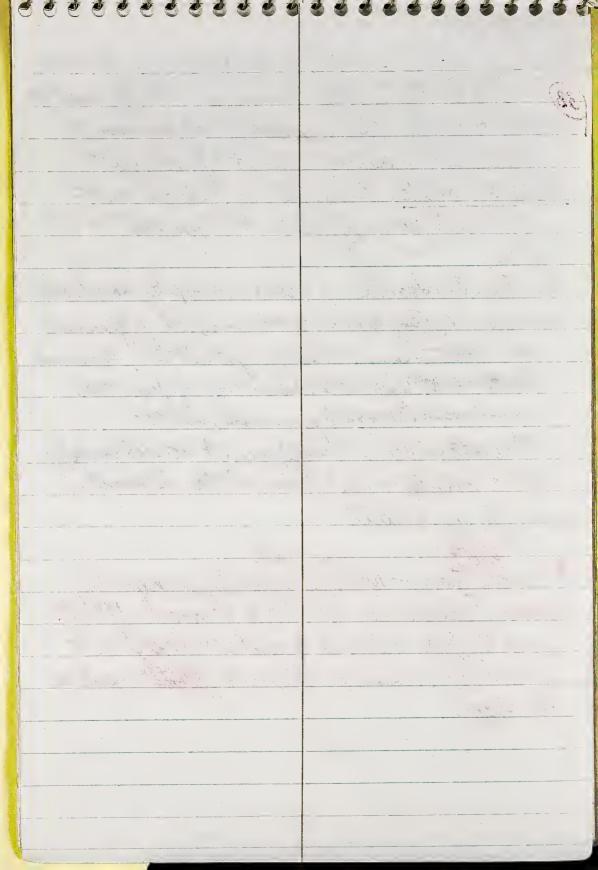
5/12/45 Kenggor is west on Minn. 60 ne at hubritata



3A) 5/12/95 Cummingsville Type Section 20 - entrance to private property (Xmas direcths on fine) floor. & X face as objected in king 2017 (Slown ed. 1987): V. hurrowed shale - all By Wy5+6 photo, hoadcut - east side of roud Top of Cammingacille 15 Fm tainslay Mby - Lavi tooth weathering The Mostime Mory Cumming Wille as down in graphic section in Deone till 1967 has more of a "saw tooth" outerey these indicated, News "I'm" cycles throughout type Cummingville - Booker Mbr has 4 (1.5?) "cylles" that have about no silty breaks, rest less sillstone. from Rochester, MN, fand tuin Son Country Red 7. and France 3 9 miles to road cut See Sloan (1987 p.



3/12/95. Continue Sof Co. rd of to Tintersection w. Co.Pd 30 turne richter gours hill to rection cotate road 30 39 By W# 7 photo. Elenswood, Recatonica Y Flatterille. nower part of rol cert BINE 8 photo. Nicholde part of rd cut. General view of otep. Glenwood For at Deibe bentonite v. close to top of road cut Unconformity (Sog. Boundary) at (or near) top of gleowood, then Vectorica is a trange septem track, deep aater Glattville, W Carbonates (debris) coming from SE? and shale (Decoral) from northwest ???? Recatonica is difficult to identify - thin shale 4 lat thin late bound overlying shall * nocation - 1998, decta. Came north from Lowa on il 552, + took MN30 west for about 4 miles; road cut bridge intersection & famile across bridge

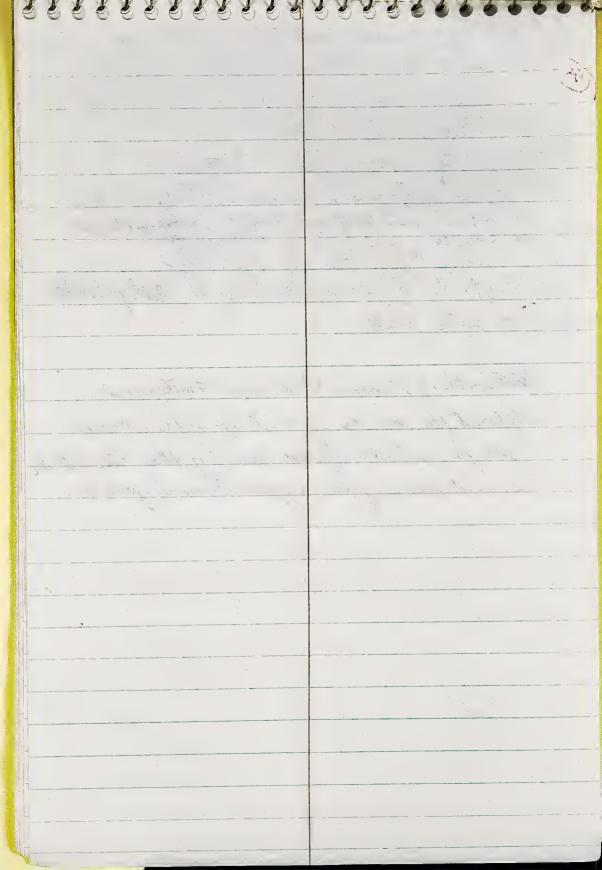


Late afternoom/evening. after following Consods and Maronie Parks. Fillmore Co, MN 5/12/95 8 or 9 cycles of 5-6 (istone at excelling (ft.) 1"-11/2 the ly/ Selly breaks are polow weathering -Les is tommed in lighter of distiller dark light gray clarges.

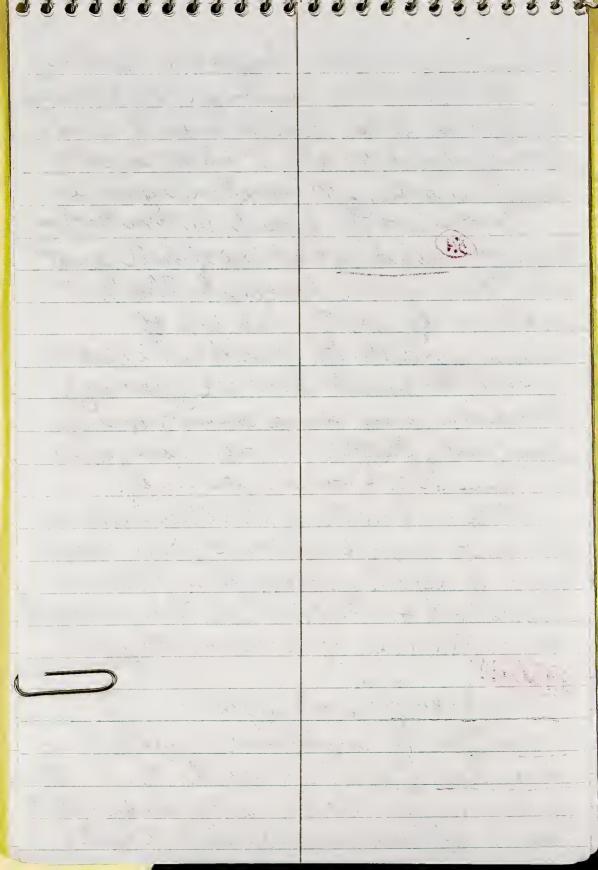
The location is jand a little bet e est of clarges.

A 3-4 miles N/O/ Spring Valley

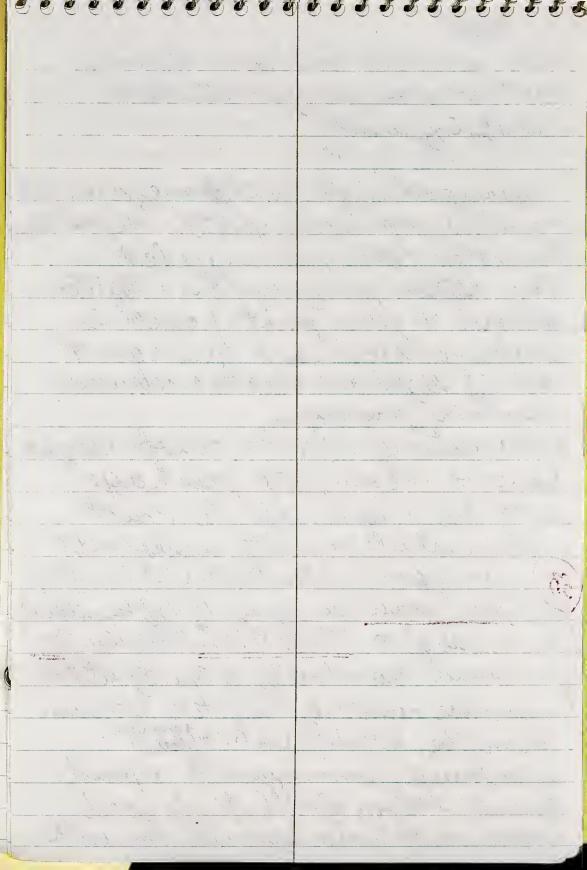
Photo Bot W & possibly a sudphoto at Masonie Park, What south of Masonic Vark about 4 milesand efflored the roads in and int of the creek valleys which exposed some of the Stewark the LS. and some of the upper Commingsville.



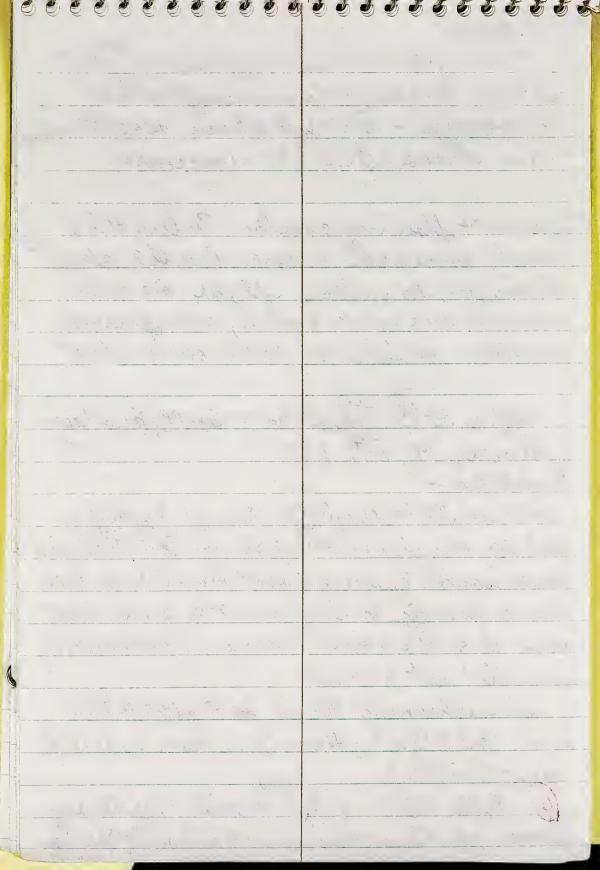
Saturday 5/13/95 "Sugar Ch Section) Left Rochester, south on el. 5.52/through Charlield to Fountain. Turned weston county houd 8; about inile evest a large morking X - excellent exposures Continued on wood ca mile from tuen off Road cut at top of hill (west aide) has green herosah shale overlain by platy late poh of Cummingaville Fm. Road cut is grass covered & small frees are growing Decorah shale passes through 36 rmone?) les ledges before reaching Plattifille - Platterlle is poorly exposed but I saw at least 15' of it in streamgully-(Note - I made & collections from this area on 4/16/621 (Ethru G.) See 2 pages typed of staat section from Sloan 4 eleiso (1956, GSA Field Gen'debook, Oct. 30,1951 The Cadouician of St. Minnesota, P.100) GA also.)! 2 Photos B+W/of working x; - 1 photoppainty weathered & wall & other photo of cheah X wall. Ca 53 oft of Crimmingaville An; wilty play later at 3-6 st packages of ca 12-15 cycles.



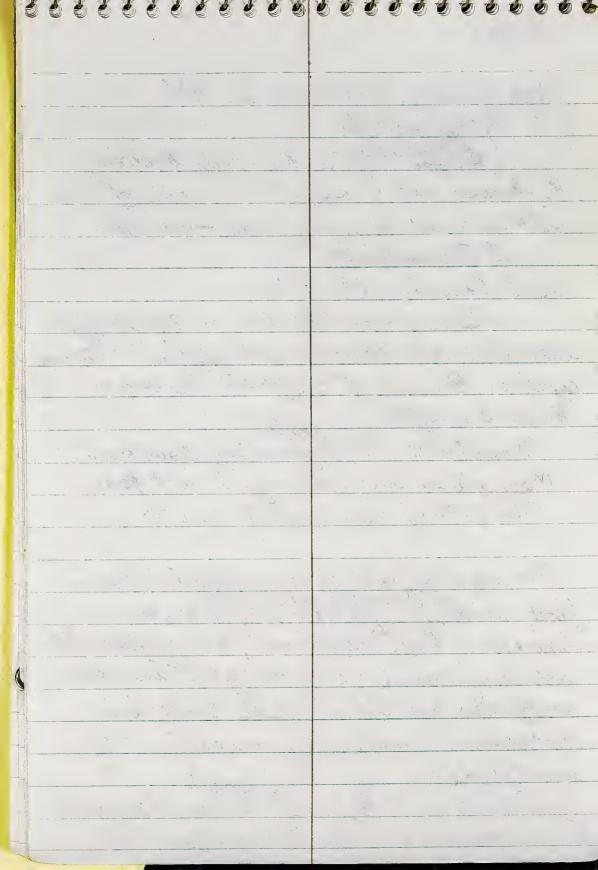
(Note: on ils 52 north (some distance) excellent exposure of St. Peter Sc. 4 underlying unit) grouped into pect of one a complete Fanother top incomplete depositioner hundles (4th order eyeles) The lawer part of cycle is lighter colored & other part of cycle is darber-colored but seve can't tell if lighter or darker-coloured starts the pachage; howest incomplete package in & how more shall & silt thin whale or ailty interbeds 53) Thoud from ewhich I collected in 1962) Side "road (county sol NW of Forentsun) on Naidle of N. Photo B+W Good view of x-This road beauched off of County rd 84 Swad more northerly directed. It leads down the hill to creek that weathered Cummingaville exposed. Towards bottom of hill fairly good exposure of ammingsuille For with



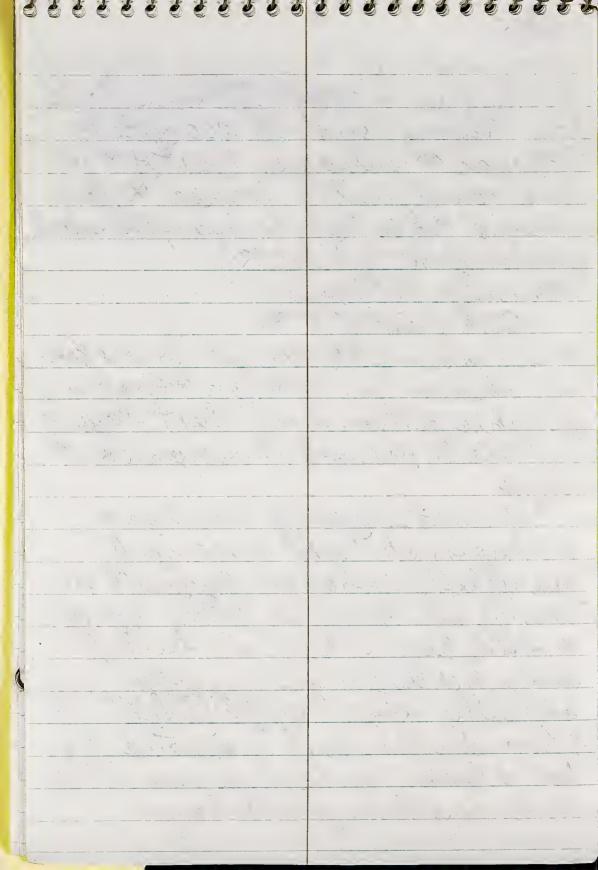
Recotaculitiol offeliam, 25ft about house of Cummingsuille Praxopora - 10 to 12 ft selove receptaculty - we discouded the specimen unit, covered alope leads short olistance to valley floor as we curred around hoad, we found another entrance to the coure at goo Coffee et Chugher Bar & Fill, Fountain Fillmore Co., MN. \$1,20. Sinkholes -St Minn. 80 to Meybolf through Wykolf on State 80, to intersector of St. 164 Co. 5. Took 6.5 road south. Turned exect on Fillmore Co12 Got to turnoff to Grabau's X & as it had sained & the road was in v. post shape we did not proceed We returned toons is I proceeded Sort Co.5 & Co.12.; then Co.12 (cnt. labelled Forrestville). miles (6) Rifle Hill is in Ex Imile Nof Cherry Grove pho Cherry Grove is 9 miles Skof Spring



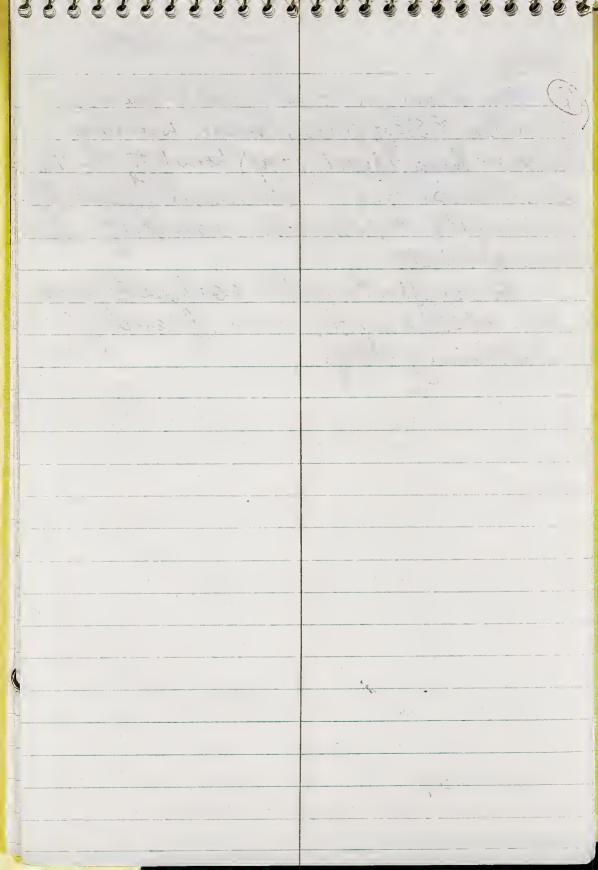
TITITITITITITITITITITITITI 5/13/95 Right fuary, Eillmore Co. MN. Magicoketa Derbuggerie baruled; beolding thickness not v. regular; resies of hos ribliand w. thindlay/ailt treaks & Shemastrille incl. Frankville Mbs Lewartville Fm - 801 gmajor exercised beines who define 1-2 meters This as 2ft. photos Photos B&W. 1012 phanding above Xon Magrioketa For looking & tox face Photoa B+W 2003 photoa in X The supper post of Magnota Fin Johns Slat, wide surfaces alone x; men, brachs. ("Refine gruina"; "Rhipiclomella solitary cohal) are present in some surfaces but do not fill beds; late mudatones. A side below Magusketa For exposes a little let of klein Not



poorly exposed, 3 massure leages of Rulingue & of the to Hatewastuck to. Down road to 200 yelato tatterson & entrunce (part of xxel is a country rd!) Large & face shows Mag In Elgin, Dulingue Stewastirle (protos of n face of x) (MN marge) & Goader, Clot part of X I we saw all except lower 8019, as shown in herosson & Besk's Traphic rection incl. chest layers - there is prominent brown chest pickup heich who lives in his grandfather's house beyond X on county ad. He said lower 1994 of x hold been filled in ducting last igt of two & shere read indicated by below water level indicated by Lev. & Geth. He had secum into as a small 10 grold boy



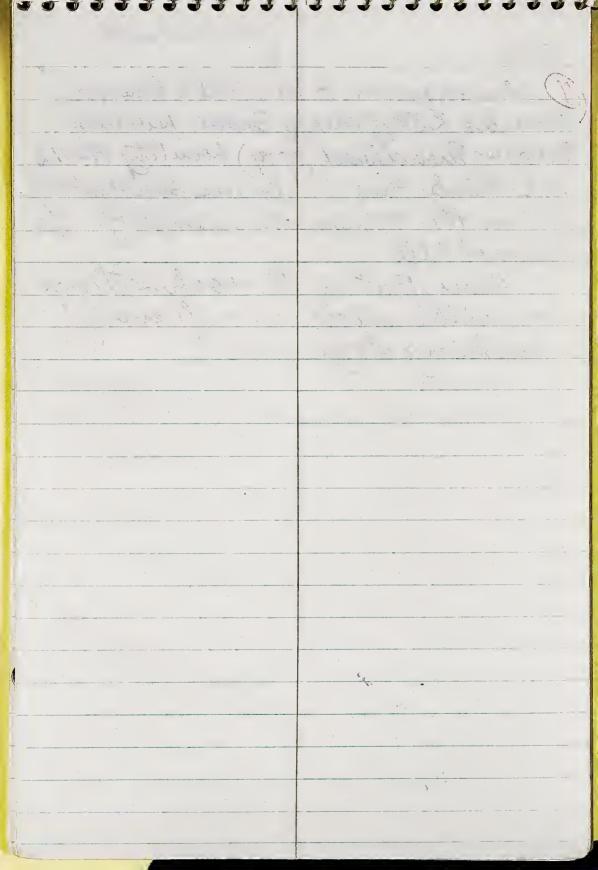
consolont stata 5/15/95. (7) Then drove on to Illubbel a kavine Frmiles KSK of Cherry Grove heverson Gerk & Broadhead (1979) hocality M-112 the think this is lower Stewartille For in the Minnesota usage of \$5. Sewastielle here flat with rock sections - Griendly on either side. harking dog.



5/14/95. Castonles & of Chaffield on State Huy 30, proudway ent on State Huy 7H - see section below). abouttimile Wol Thoy time Wolquetion of Hery 30474. (Maybe Emiles of [La soyn outeres section for ref.] Top of Lover Glenwood Shall is is regularly a lun "Nij-lin" Hodulan Is. Mifflin is Harangt has pouloulies in a few deds. Rational Street blacky probably jets ento bumwingen zilg lenad Is telel?

- gransa 2" getow 1;

k. Chale 3we then referred to thing 30 & proceeded east to Rushfood, at Rushfood willage we apoped at Convoco Station Took Huy H3 couth to Makel, then Huy 44 east to Spring Grove. About 3 miles W. of Spring Grove, there are 2 working



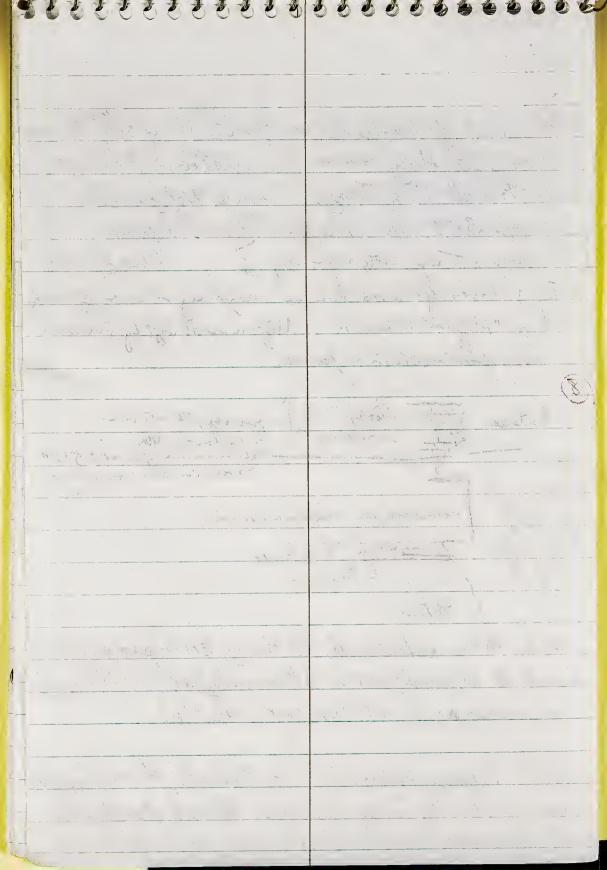
5/14/95. Castonles & of Chaffield on State Huy 30, proadway ent on Stite Huy 7H - see section below). about 12 mile Wof Troy Finile Wof quention of Here 30474. (Maybe timber from ? Top of Lover Glenwood Shah is irregularly me foverly Lug "Mifflin" Moderlan 1s. Mifflin is throughly burnowed har formlædder in a few deds. Retiried The blocky probably jess ents been probably jess ents been for the probably jess ents been for at 1512"

Several Corrosion surject at 1512"

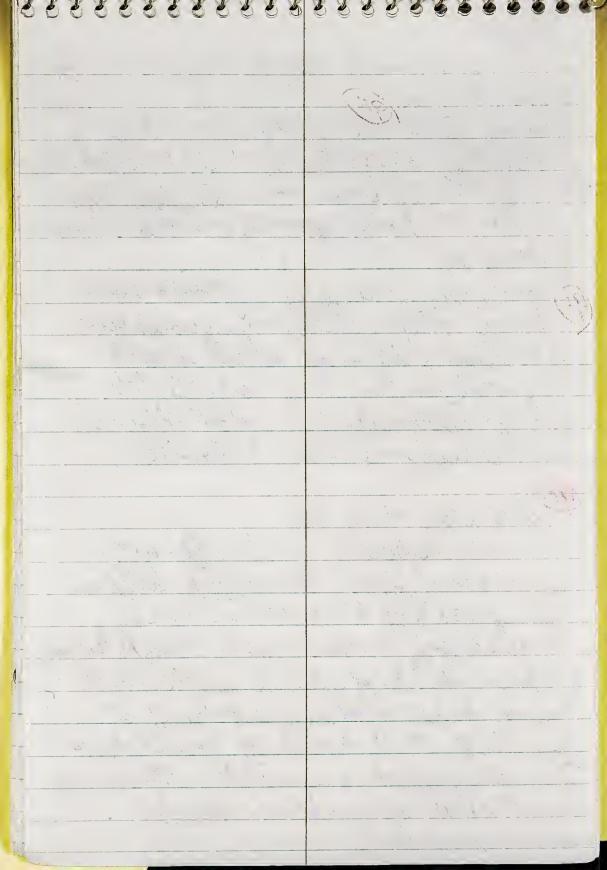
Several Corrosion surject wine burnoingue zite lement la titol.

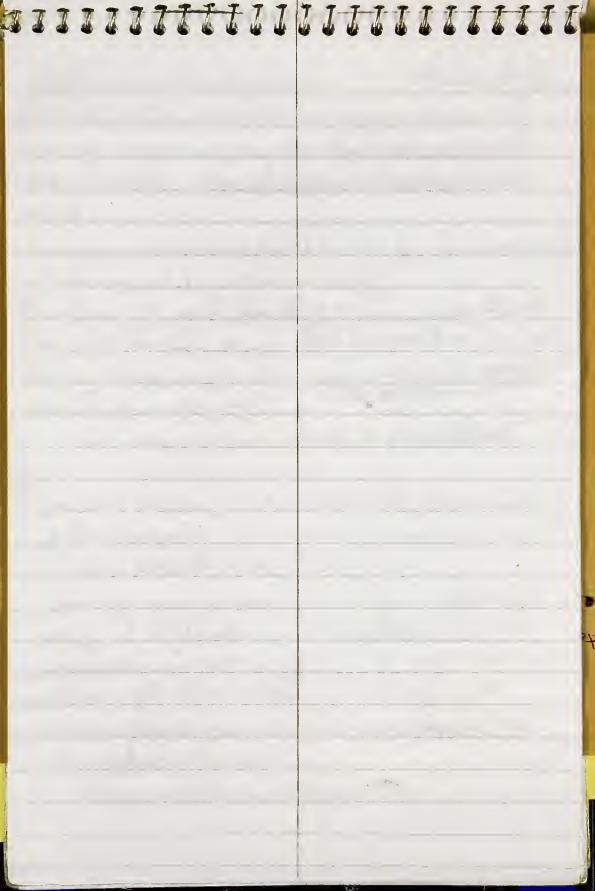
2 grante 2º gillow 12

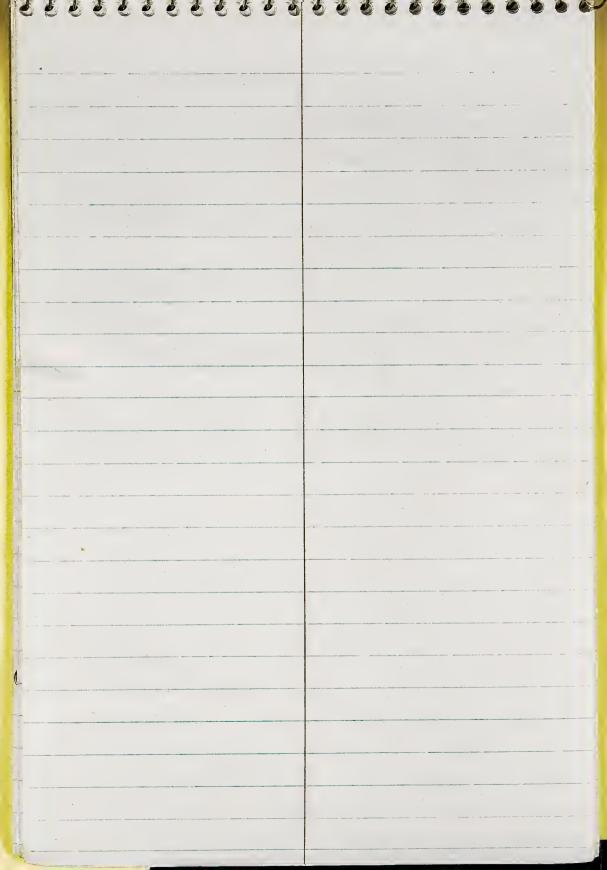
St. total we then referred to there 30 & proceeded east to Rushford at Rushford willage ice atopped at Conoco Station Took Huy 43 aouth to Mabel, then Hung 44 east to Spring Grove. About 3 miles W. of Spring Grove, there are 2 working



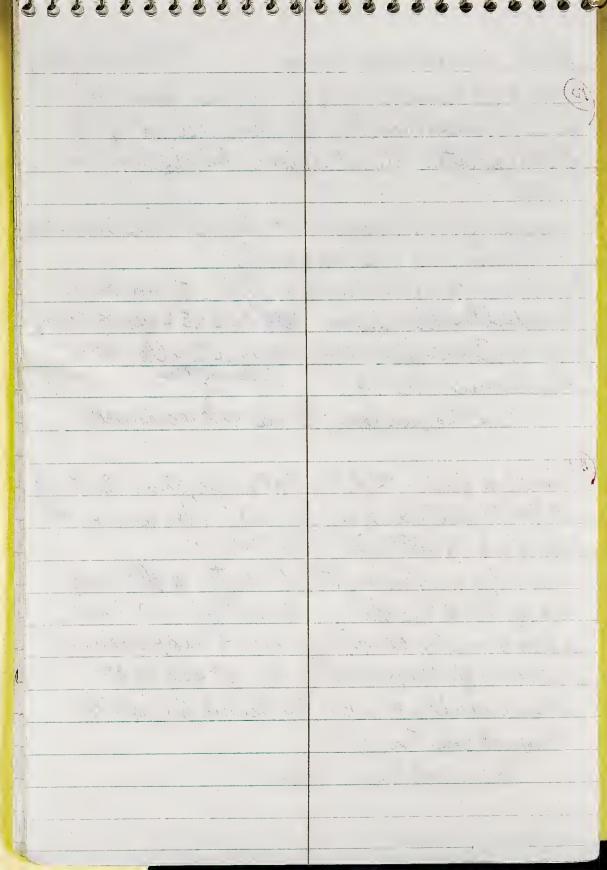
5/14/95 quartics, son each riole of they 44. Les Eight -topographic map (gA) Coll. Bry 5/14/95/A; floot in Decorah Sh 2 BY W photos in X on Saide of they gry
2 BY W photos #19420 in Xon Naide 90) & Sixiole of Hury 44 (tailings)
Serce slope fishous, numerous biachiopools - a shell hash in calcarente. Eine colcilutite relou calcarente. 3-4 diam orthocerical mollude; tailobites (90) XN. side Hugg 4H hate leologes (v. thin) 2'-3'f-not v. acraiatent from tower 3 to hottom of reports of Decorah Shale. V. darkgrey to brownish block hand ift plus thick of shall with shell hash here I there at top of it. Pyrite of Shell horah of brachiopods. This auggests a sudden deepening event creating anoxie shale environment.



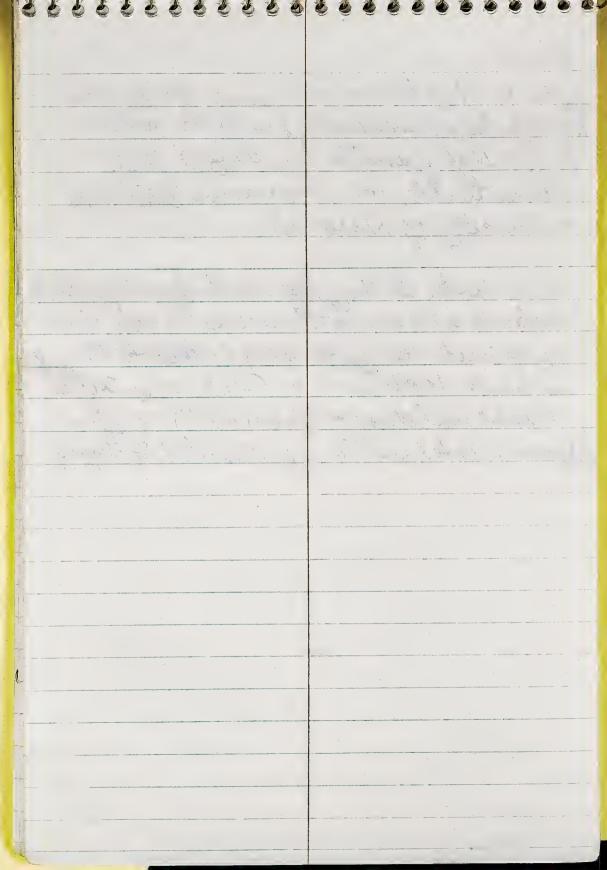




5/14/95 Kendalville Town Kustraide of roug 10) X NE Sendalielle in ilprer Journ R. L hee it hereren Gerky Brandhead 1979 84 W whote. Tust before bridge over rivit, in ege occarropoil at top of densinawa Mbs i humanical (extensively) Pauloice X, north bank of elpper Iowa R. at Kendallville, Ioure. AMA SW 4NE 4, Dec. 33, T100N, RIOW. Sinsinsura 6'10", Stewartville 35'10"; Cubu que Fm' 19'1." Riste Helles Der heverson, Gerb + Broadhead hoe 33. X 3 miles SE of Kendallville, Jowa. Cattle St. 2 B4 Wahotoa. X at Amall atleam on N ride of Ad SW4SE/4 See. 1, T. 99N, RIOW. I fairly substantial late 2 It made up of 2-3 "bells" - buested up into pilces - is coming in & applatoin section of Maguobeta Fm at top of X Stewartville Fm 16 11; Putuque Fm 345 4 Magusketa Fm 17'3" Saw wiolets in bloom



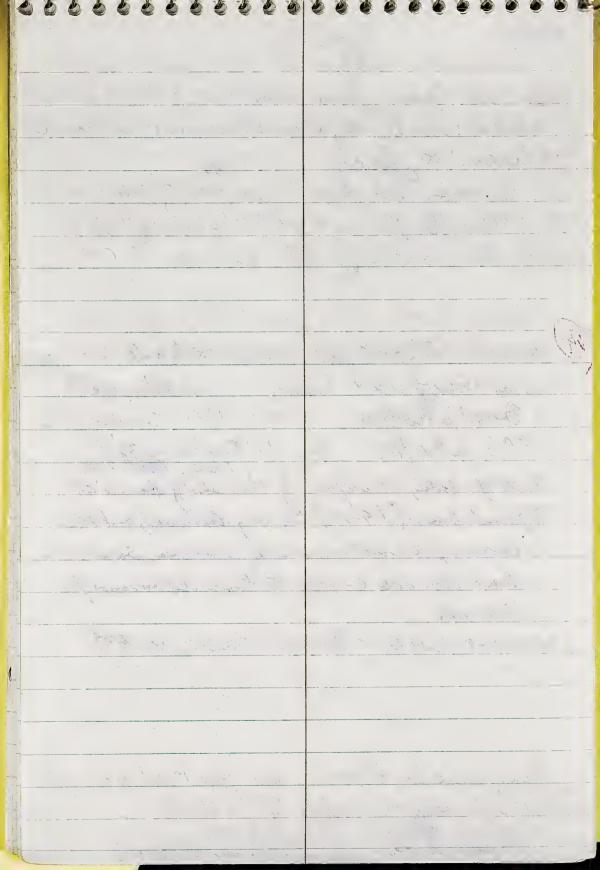
5/14/95 Table of sees on road on both sides amile Not junction w. Herzy all Skewartirille Fm. Impressive "gateway to the city of Decorah the took St. Huy 139 south from Kendallielle looked at X on Cattle Creek Road, then rejoined Here Bywhich led to Hung 9 which took us to Decorate, Ioura Machonald's (+ Walmout) not far Sprom intersection of US 52 4 St. Hung 9.

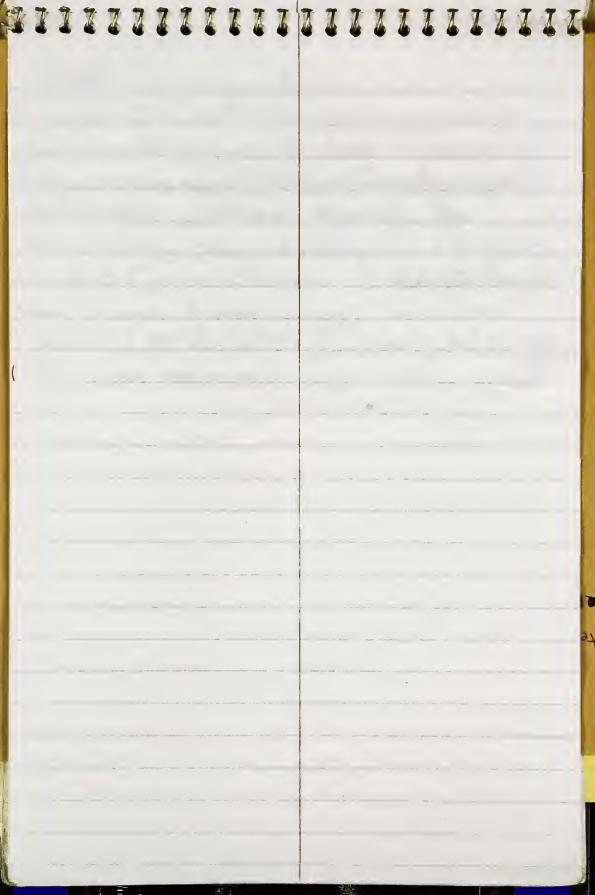


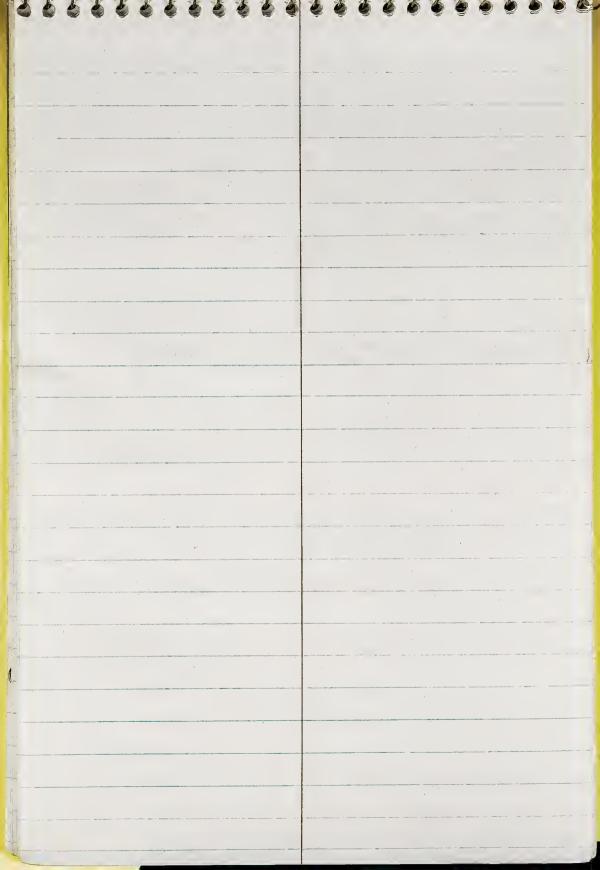
5/14/95 Leverson Gerby & Broadhead, Loc. 9. Road cuts Towa Hung of y miles SE of Deceraty Iowa, SW 4 S.W 4 Sec. HTNW 4 NW4 Seeg 13 By Wahotos 7 TygN, RyW. 3 CS ahotos 7 Checoude cour came oft 13) roc. 9. 184W photo; 1 C.S. photo. "ackages of rocks become thinnest leas blocky; also more shall coming in at upper 20ft. See her orson tack (1972 Toura acad Sci, Fig. 2) - we agree with graphic sect. for Dubuque here tather it's 1st winited this locality then loc. 99 Leverson Eerb & Broadhead hoe. 10. Source road to Shoe 10. Rowing x 3's inclusion Single lane bridge crosses sucam Kon S side of wastroad & east side & Is 10 to 12' below Dubuquer Magnoketa contact. (See L, G, + B, 1979) Joth Loes 9 til are comparable in ewhat they show. We don't think Dubuque Fm is as thick as 34 At lout 3 only ca 20lf - but exposure tete limited (also L, G, +B, 1979 use a "marker" bed fll there is usually lower than change in to the 15/5h pattern typical of the Dubugue.)

Loc, 10 (contd) NW& SE'4 Rec. 9, Tgy N, R8 W. Stewartville For 17'10". Derbugne 34'75") Maguobeta contact and the first of the first

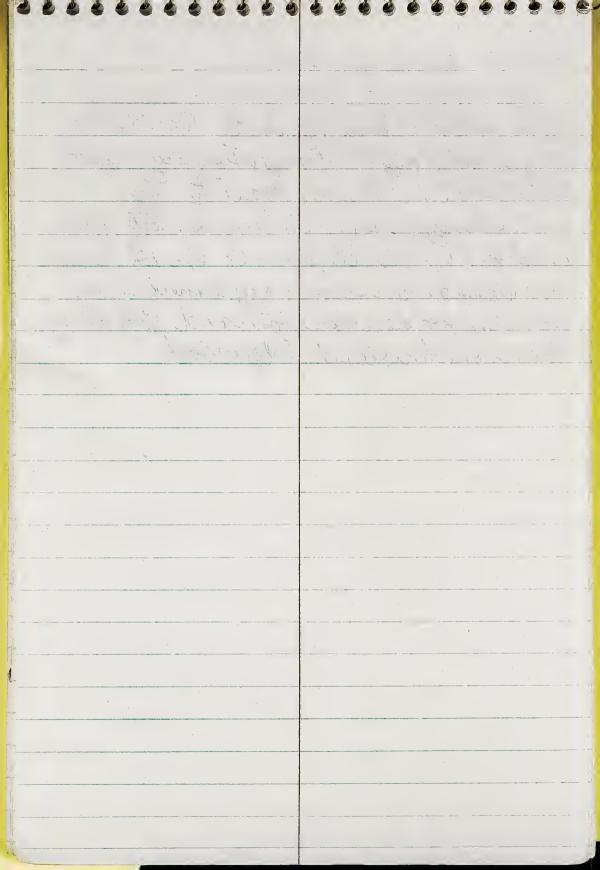
5/14/95 Parile Robbille X, 25 miles N. of Polaville (our from distance) & east side I road; late afternoon sun showed "golden" & face 1979 See Levorson Costs + Broadhead, Loc, 53, x 4'2 mls NX of Populle, Towa, NN 2SE 4, Sec. 19, T96N, B5W. Stewartwille 185; Dubugue For 323" the church Spect, Lugua. X' mile Noftown on west side of road, Leas X. NW4 SE4, sec. 5, 2. B+W photos T95N, R5W. Stewartville 2. CS photos Fm. 17'2"; Recluque 32'4'; Magnotica 17'3' Asoty beds, identified by thin shaly bands at top and base (19-10') is very burrowed, and the burrows filled with more alty carbonate. Swallows have been able to excavate these old burrows for Heir mesto. Levorsen, Gerb & Broadhead, no. 45. Deven de gums in bloom, stree opp. Motel bon side street, elle axes on hodge St (= USDO) Supper chibs Swallows in lote joints



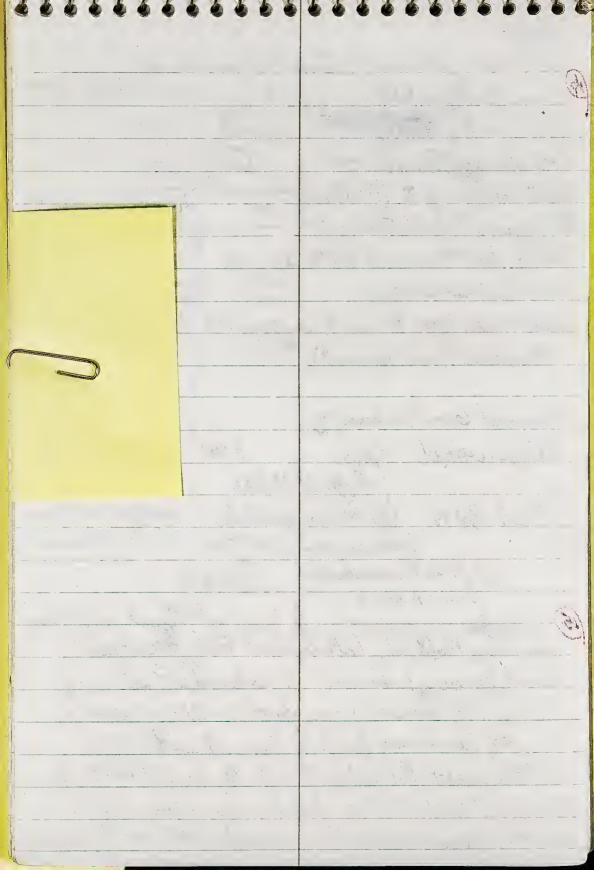




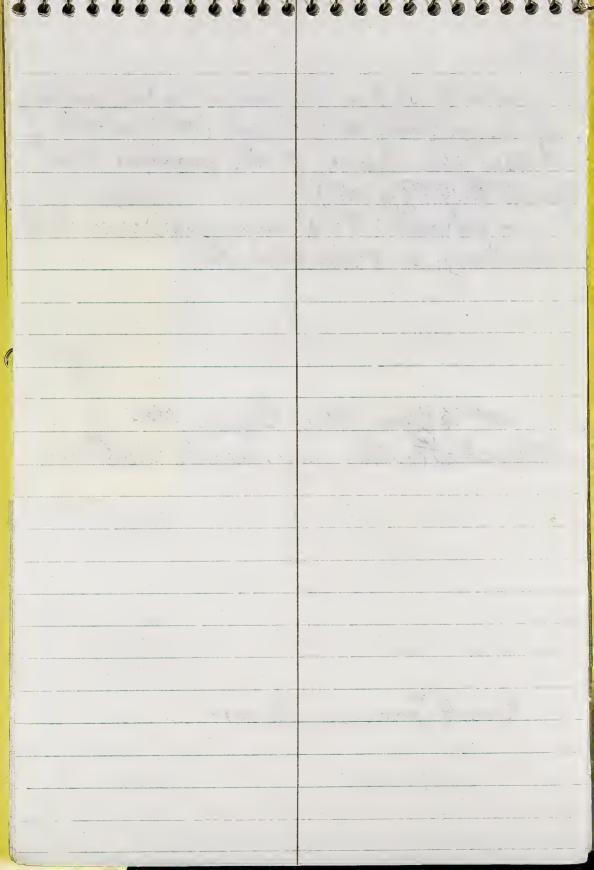
RITITITITITITITITITITI 5/15/95. Dubuque Towa. heft Motel 6 at 1.15 pm after venercing dield notes & locality, date. Decided to . otay another night (through Tuesday night) the it take in Illinois locality by radiating from Decbuyur. Took/4520 went to Ligar well, then Co. Rd 136 through New Vienna to huxembury; turned it on State Rd 34 headed forward Coleshurg then on tourand tobgewood



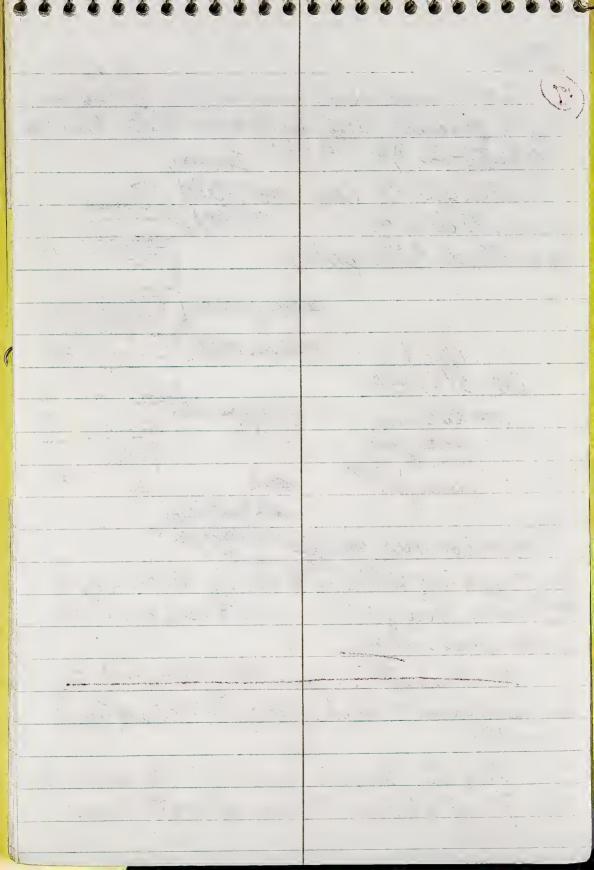
5/15/95 Section pur was ! Two Bridges Park topg exposur Twin Bridge of Parez Ca Comiles Many West Cole saura Toura m State Heyhway 3 (3-32 miles 61/2" in chesty calastate De Joseph St. Hung 38). Used to find this on L+G'72 lemented selty 1: and think at on their V. Chart double chent Dunlerth, top of Therwood (Mexcher. (Clear segumon 3) Maseire wather Elgenerod SRS. #20'
Rifle Hill Mbs Day would ls. down CS and 1- Photo Box W of Stewartwille Fin wagen atthing Thalasanoides fordet 3 1/2-2" Lamore County RdX21, Littleport Rd, Street at bridge over ruch & extende amile up hill. Exposures on both side a of road. Loc. 57, Levorson, Gerk & Broudhead (1979) Lettlepost Roadcut. St. 4, Sec. 25+NE 4 Sec. 36, T92N, R5W. Dubreque, Fm. 337; with Maquoketa For contact above & stewarted



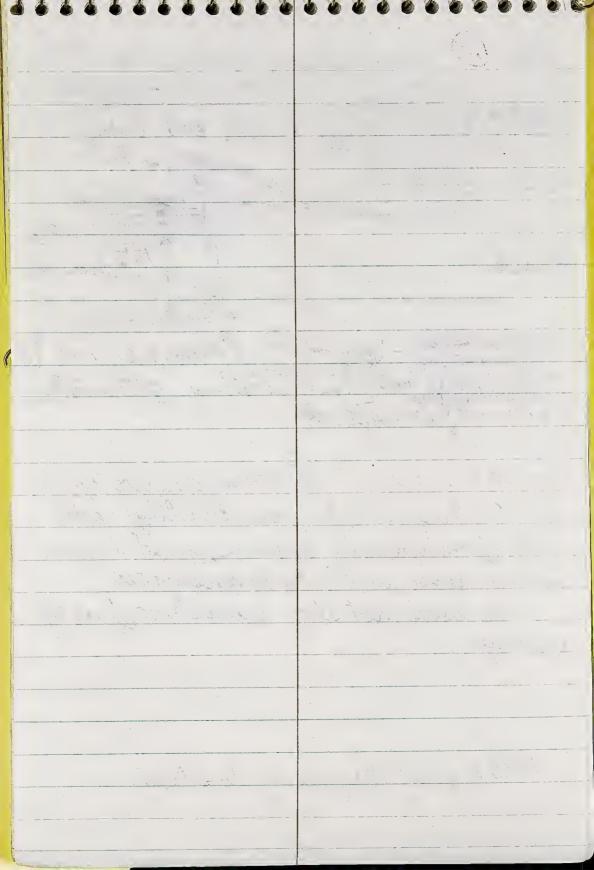
5/15/05 Lelow the lease of the marker best. (L., GY 3. 1979 p. 64). A starting in Maquoketa Fm. (at Volga, the Elgin Mbs. of Maquokette Fin in creek bottom Violets; maure flower



5/15/95 4 mile Whide of roud. algeralroad bed has been Pleotos- 2 B/W 100 as f.4 Lowa, Eonwerted to a love 1962 field covered 10" gravelled bike path. 8" lark gray selleton the 13/4 lestecular saltofs 3 1/2' Gel: 5/15/95A rubble bidded selst 31 A. Ocheceroids solitan Corals cucrusting bryeze. brachiofods 3+1 Shale - = From Graf to interrection then east on the way to gatury win Springs Che - Load section on W side was noted to Mos of Deessah Fm See hevoraon & Gerb (1972 p. 113? chart, Fig. 1) Fin Sjust above hepauperate Zone



2/15/95. (18) Becker Quary- albury Jorsa 5/15/95 Maguakta (pronty express) Little Post - total 34'9" Dubuque porosity zone here Lucia 13'3" Frankville Frankrille V. distinctive Interval (minicanes)
4 then a sew einchegir, distinctive band of Stewartille a lour hand L,G,4B, 1979 p.62, +64 (loc.58) Loc. 58, Leworson, Gerby Broadhead (1979) (64) "Dubuque reference locality) north side of Kaufmann Ovenue, just before intersection with N. Grandview Us were not able to walk to face of qualty tilac just beginning to bloom.



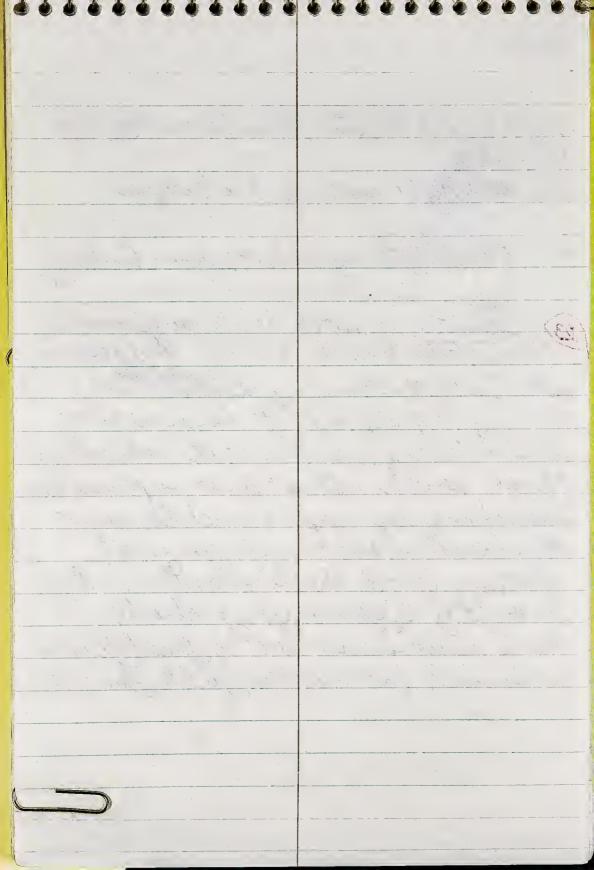
5/16/95 Dubuque Corner of horas Blod & Cox St hoc: 51. Rulingue Espe locality-abundones x north aide of horous Blud at Cox St inschalation. SW/4 recat, 189N, R3E. Maper 219" of Dubuque For with Maqueketa contact & has been partly dilled for a parking lotace to herrotson, Gerb & Broadhead, 1979 hoc. 51. 1Bt wahoto. elle couldn't see Maguoketa Fra Besit rippled about clay. Beda 8-10 acc to oleath of hicasouring There are whater up to a couple inches - the wholes come thicken & thin Knivis ginent of deposition ???? leur touring Focks marks "extensive in lover half of Sollege alemni Campus Center es a new bldg iso Maquoketa: For prob removed in belog this istructure widered & there is considerable construction (20) Homile Wof Devon St & Doolge St/US20) indelacation doad cut Niede of hodge of Thous upon and Dubuque in with a

(20) is secross from Motel 6 at

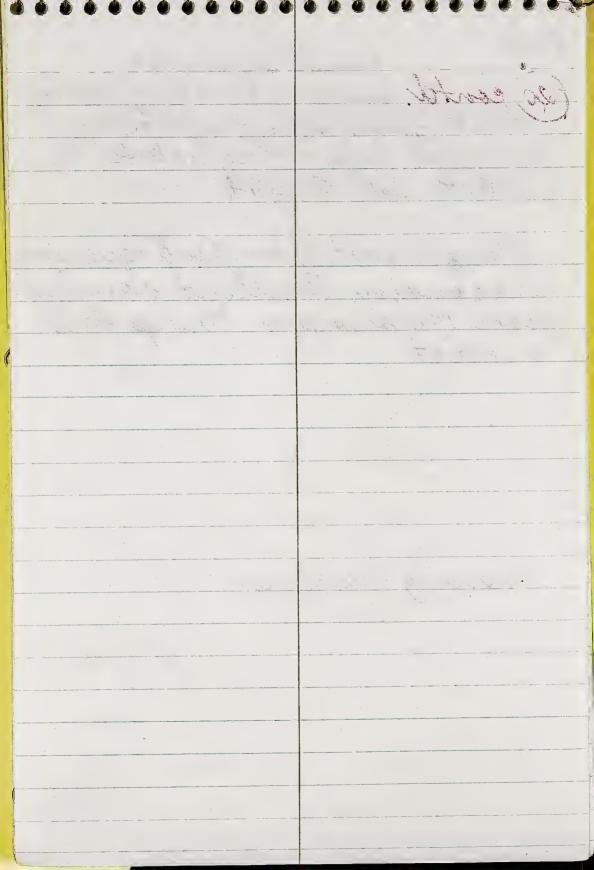
(20) contd (old roud acit)
spages over saille marches hed alore to.
5/16/45 hase of acction. (4, G+B, 1979, hoc. 51) (21) Xorread aide of els 52, ca mile ofton L'enction of -ELS524 Hour U.S. 61 Tachigafrie X. Dubuque Fm & underlying Skwartville Fm 184Wphoto 150 year at south on els 52 to Olde Massey hoad; tured into southern entrence 5 x (V. quellied road in X) where we were at top of Dulingue For & weathered Maquoketa Fin alope. 18+Wphoto. Long grade of rocal US 52 into St. honatus from north. Extensive weathered road cut. Various roadcuts on el S52 into Bellevie. Gas at Conoco, Nend of Bellevie hunch at Wagnes Send of Bellevine Bellevic State parts at top of hill. High massive bleeff at top of hill of diln, dolonite (22) Maguobeta Fm bottom is covered 4 we could see v.v. little of it. Overlying unit is Libr Hopkington ton Hlower part is a v. shaly silty dolomitic siltstone (see Choss grass 196?

(2) The first The state of the s The state of the s The state of the s I TO CONTRACT OF THE PROPERTY The propagate in bother in consecution use could see in 11 the of the howhing want is sim the pluis piterious + losses part in a v. shouly willy in the the will the said and from the

5/16/95. Co. Rd Z 34 to Preston, then I own Hog by to Magnolita Then Strates 61 north to Dulengue 5/16/95/17/3/acerry calcite from Dubergue Masnobeta Prive + US61. Bldg construct sete (Called locally elisable) Heavy equipment businesses Extensive weathered shallow slope earth I floor of iron replaced ossis Ironatone in exapet/mololle part to clash brownish goey at bottom (6-8 thick) overthein his 3-4 It of lighter grey shale There was suidence of fossiliferous material (not recognizable formile)



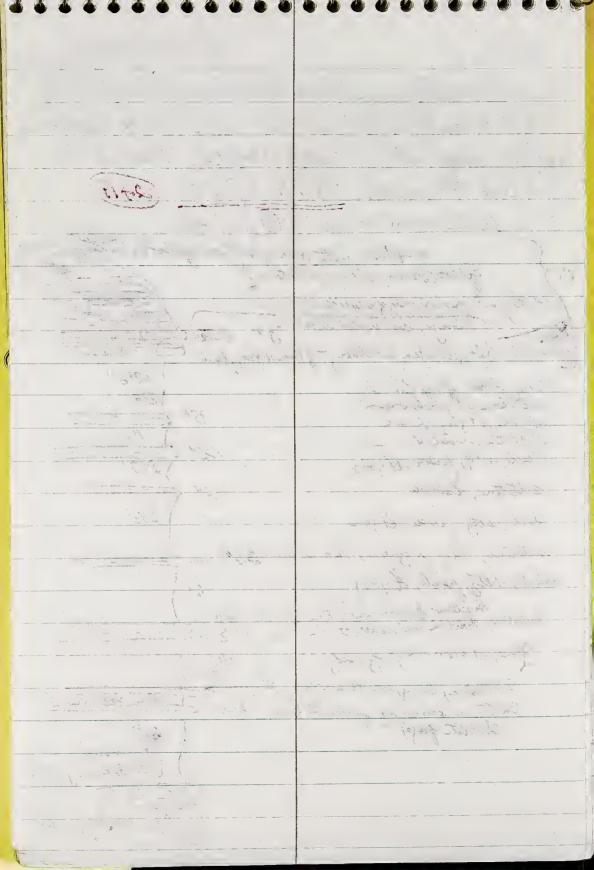
calent from about 3 ft near to of contact Coll. 5/16/95/A. ilstury 61 east from Duleugue into ellisconsin. Excellent roadcut from Mississippi Rup hill to east. Reducing blackbirds



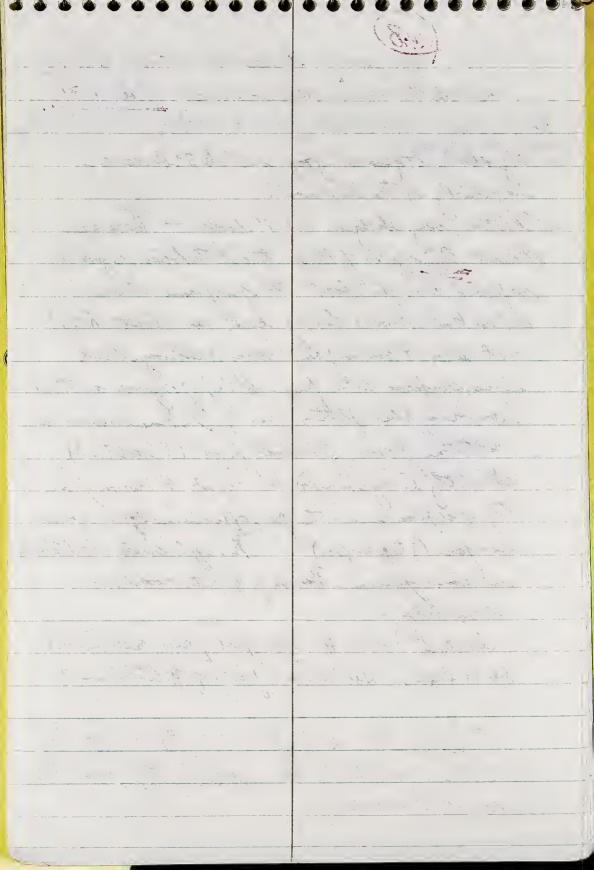
of railroad soing 5/14/95 In withoud out at Scales Mound, vnile Eoff het Declucque una el São to Galena (caffee stop) then Stage coach Trail to Leales Mound. Photo 184W. (24A) Sec Millman et al. 1975 p. 85-80 and then into deeply wathout yellow brown wather sillens of Shely sett greenish greeg gredes injurates into ling, concluded whatteny; 8"-12" is Sitte Tree It yellow ten weathering - greenish gray fresh Stille, disker gray Justile Settetores It yellow brown Shale, It gray from Shele, silly, finite, Etgray settetone, deadish Heale, sitty, paile, ltgan settetone, bodis wiegular, red-brown 31/2" _ 5= Alule, selty, pasile, legar Sittstone, keddish and rully at base 4" } === These, Ot browned gray, ally Siltatine, living, smoth weether; 2"

Siltatine, lurious yellowish from 3"-4"

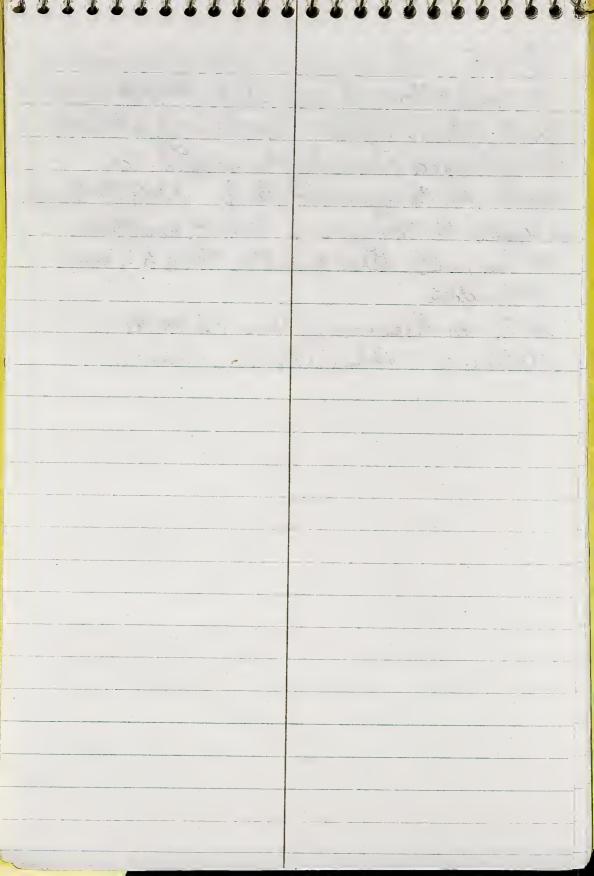
Siltatine, fuga) & 48" [child be day not] 11 Durigue La



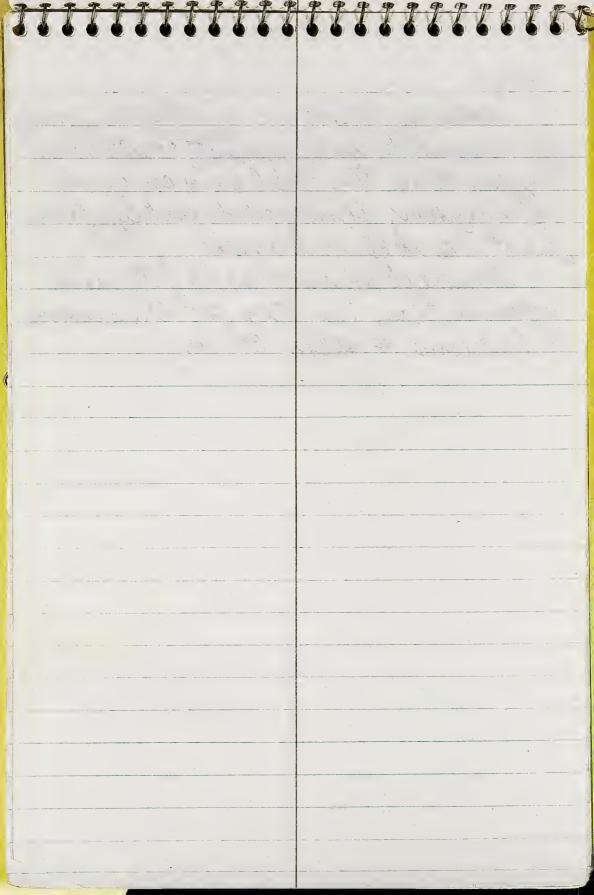
5/17/95 Tipper party Seules For about 5/E of Scale Mound on lackroad cat. photo 1-8/W on the tracks & 18 TW photo from top (edge of soul) looking Selly shele, It growing gray in 2 to 3" beds and regularly interballed with Seltatore, very shely on 2 to 4" beds. - There are at least 22 excles of these two lethologies regularly referted through about 14' of exposure above delies that lovers boxed but, in about 819" not seen at base of sent above railway level Some serfaces have pragnont (14") of organic muterial (something like a flatten "grass"). Worm burrows in siltatone faces, Tribbite frage (? Isoletes?) Slightly ling (linger) bed about 4'down from Surface (? tej surface) /2" right cresto about 2'wide in some places, Bands of pyrite modules in Some beds Question??) could the apper party this railroad out be as high as NW Illarois pures of H. Citchurson ? 3 Could the 22 excles (or thereabouts) correlate with the exclicity in the Cincinnati area



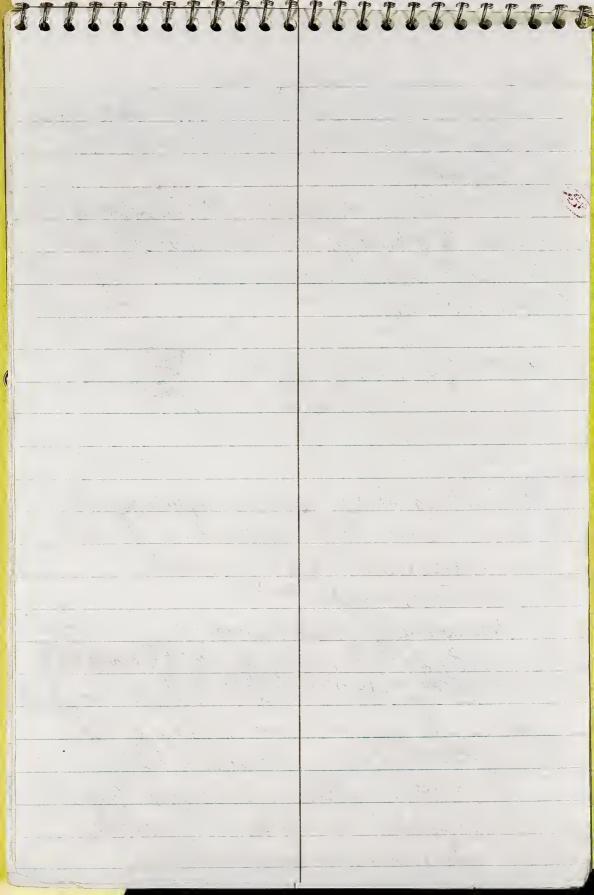
TITITITITITITITITITITE 5/17/95. Declarque el São to Galena to Scales Mound on Stage about Coach Trail Then ofter flooking atdeales Mound onea, we took rould to apple Fr. Canyon St. Park - road closed to Caple & Conyon. Went wouth to My Carroll, Brookville, Polo, Wixon To Mendota US51 to Bloomington & I 74 to Uthana. arrived in rain



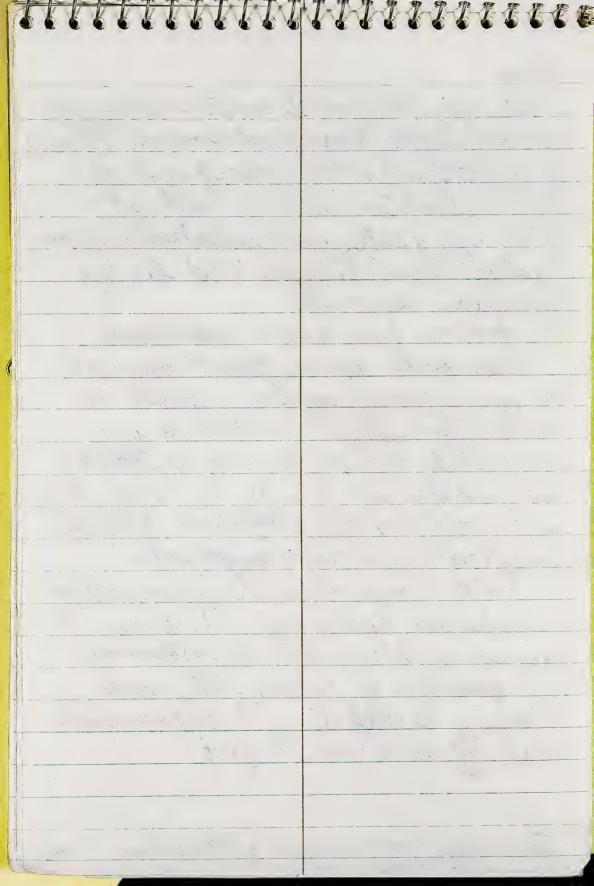
FIJIJJJJJJJJJJJJJJJJJJJJ 5/18/95. Took Interstate 74 to Indianapiel Engelwood Pacyton Chie. The Motel 6 is ca quiles Not Doylow. It rained heavily from first east of electionical Stopped at restarea tourist inglamation centers at el. entrance to Incliana & olap Ohio.



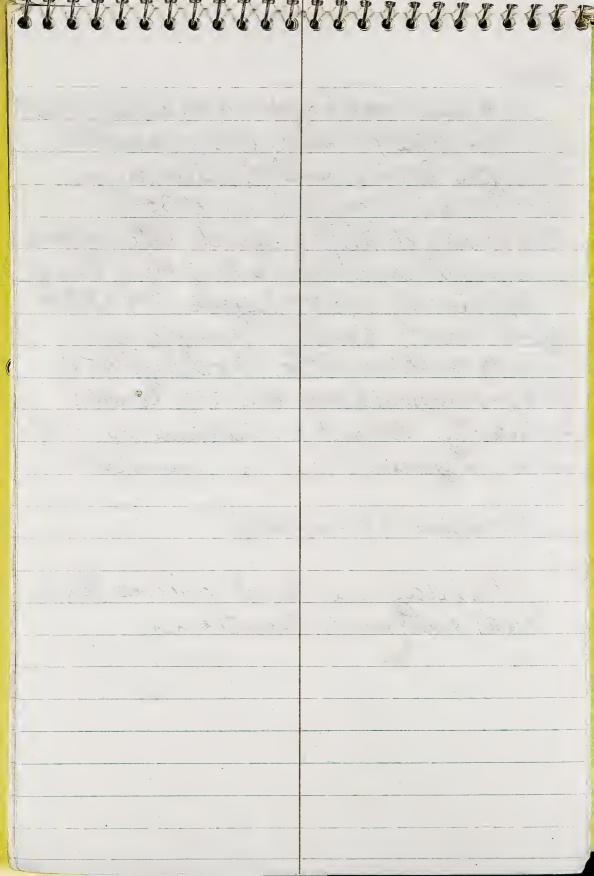
5/19/95 theatof Camplen, Ohro hetrary & xeroxed 4 articles on U. Crol. attatignaphy. West of immedia on Route 125 on old abandoned Rte Fredle Co, Ohio Mest side of creek the Co, Ohio Mul. 10 1: Spi go was, songoz other braces. John miles Creaty scale of second try Glandened Réad out is now overgrown. Elpper part of whale w. some late ledges is a new out Sor a house on Naide of road * 5/19/95 Athrough G. Check name of cased friver. > See 1963 field notes for location of 1995 by collections 16-11-63 ANTAB etc.) Fringle marks on lite ledges thoughout Side creek comes in on Waide of old Toad thin bedded lates & 3 By W photos at upper Gofact HB+ Wahotos at Gottom of creek where extensive river bank section



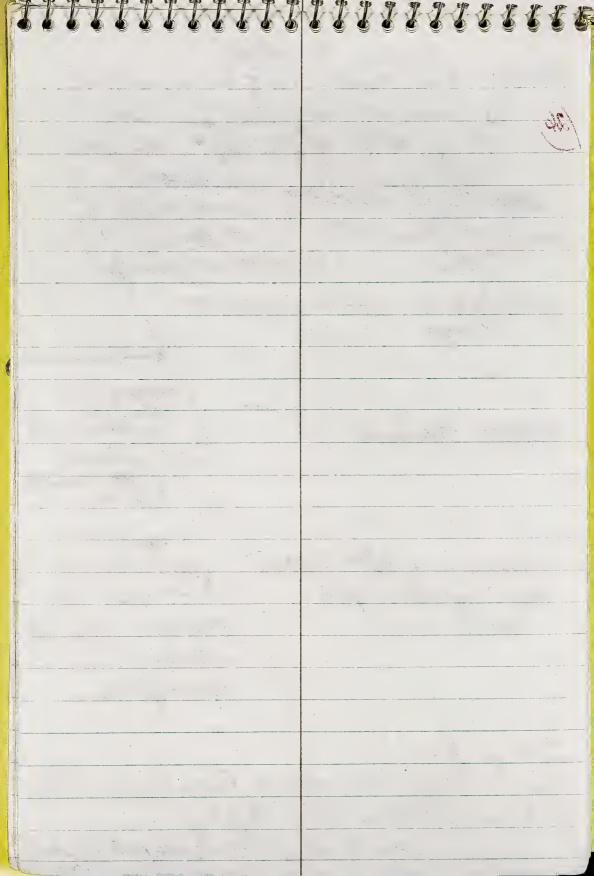
5/19/95 ramore treja; kranch diam ca iron; no monticules. This was a huge stoat-telockin never bed at bottom of creek, just maskeam from bridge ("new" bridge, Old bridge has been semoved (See Migass + Perry locaty 16 which or up there to North lle took some float aamples to see if they, approximated to cellection sites in 1963 so we ecocilo have an ocentation on where we expert in old read ccet section. Coll. 5/9/95A-F. Coll.5/19/95G was floot in road way gravel. hate is a blowish - green -grey; v. nodular bedding; v. diverse found of extendid heckowing at bottom of creek, late more thickly bedoed incl. caleasenite bed If at lever it feet Interstate 70. - 14 miles & of Chio line - masses



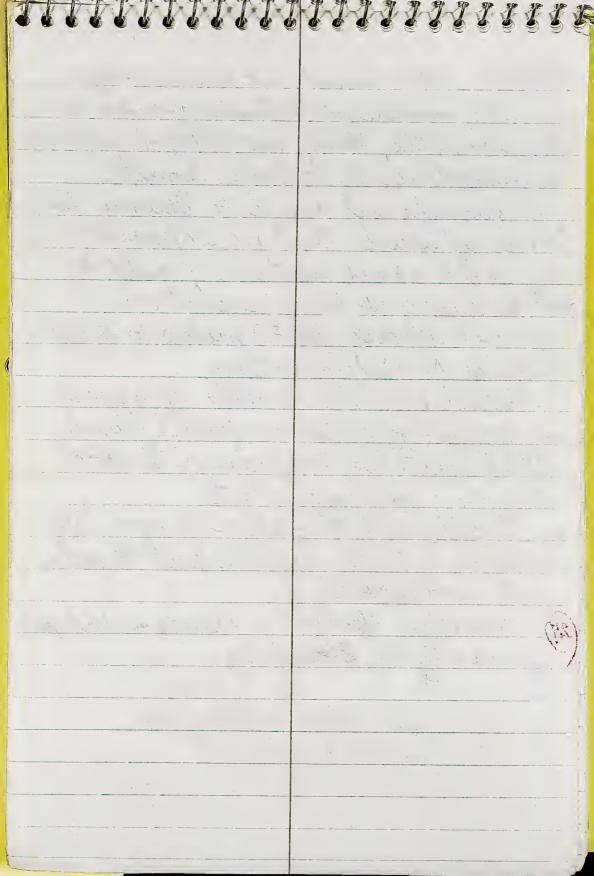
d b d d d d d d d d d d d d d d 5/20/95 heft Ergelwood/hayton & headed west on Interitate yo. Took el'Say south through Richmond; Indiana, on 227 because of fell on US27. Good road cut w. good late exposure seccepal sections along this soul Togoined US27 before 227 aplito Il to east. Good exposure of Thate & thin late heds just & of kichmond on 11827: Contols to heberty Rd cut on Indiana 44 W. of tour is grass concred; no exposures. Gasoline at Likesty This day we tried to trace Fox's (1962) sections & locations



Union Ca. Fox (19/02) 5/10/95 2 miles I west of filerty Ind. on our than the I Indiana 44, everte) creek post west of twen off to "Treaty line rooms! Very poorly Succe ho he fold of the Shall in shall of 5/20/95/D Constable and 2/20/95/D 1 Cont /5/20/95 C loral bell. Sed 22 0 21 15 Correctioned ent of 5/20/95/B ? Tetrdium" 2-4 "enterbades of free the chicially ledges of 2" with felicularina & Sytole triblitis "Steck" trapotanes (float) 5/20/25/A Josef Calcaronte with greensh green Rallisations (appropriate) 15 to 19 fect som Lite is also; Incle Egy tur. If to Runkaparille Y Guabattown State Bila upper part of Brookville & lower part of hiberty



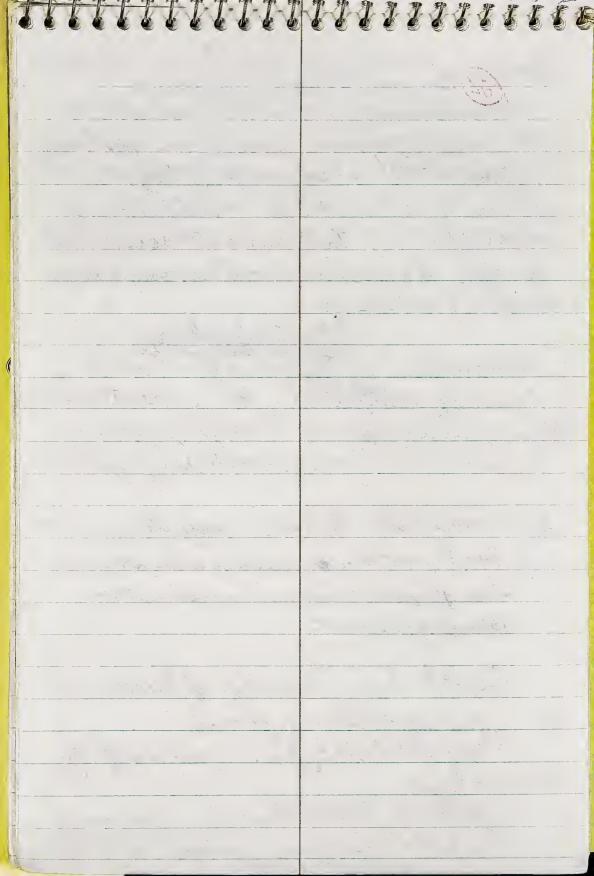
5/20/95 ate hunch at stream edge. the continued on Indiana 44 to Connerscille, then took (121) to meet 4552 crossed 11852 to take amall unnumbered road to Beena Vista Rolling "roads but no exposures in exicked road actions, conta to 55 Hambuild & then east on gravel road for 2 miles to bluff along, Naide of vailley. Road cut on Noide of road u. ledges of course foodil hash (mainly brachs.) - calearente (6-8" ledges); sporry calcite siltij calciaittite maker up some legoco. Road cut is too weathered to put a section together. of hiberty For Ettamburg section 1. p. 18-19.



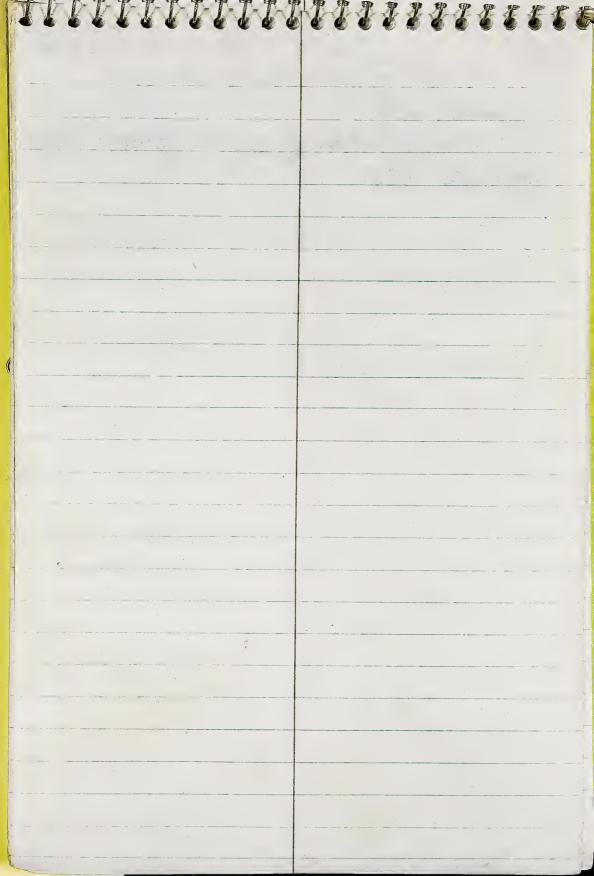
5/20/400 Bonevell Hell; Indiana mile e a at of word witho dam spillwage , photo for W hike My stopped elleyneswell cut on west rick of roudent top of esperite. Indiana 101 road cut. harge hiraline cas across strong scolial rebleing Strenge "calified algot outline" = hash of billated - forms deatistive plane

Aperiandicular to hedding plane

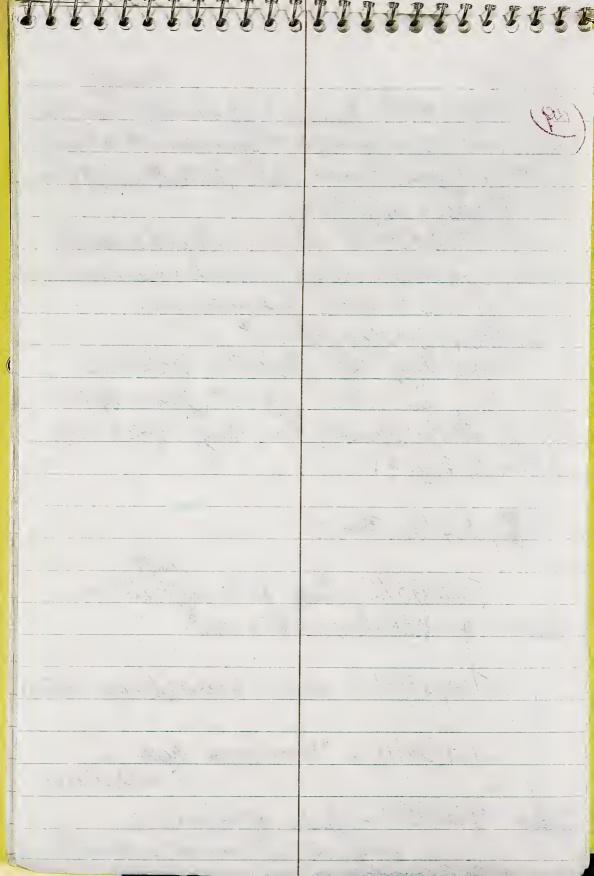
(ey) on end 3 thucothering pattern I photos B+W Isof the may down cut Lay, Popet irey unit 3h is a graded beds with ironofed Stame, prosphorite (?) and new brown yellow weathering topicosparizcile. como to. 5/20/95/G. From "Excelle" of Brookwille. Fm. - from bottom's float 5/20/95/H. Float from prob. 3a of they Dead King 5/30/95 FT. Float from lower part ling sity shale



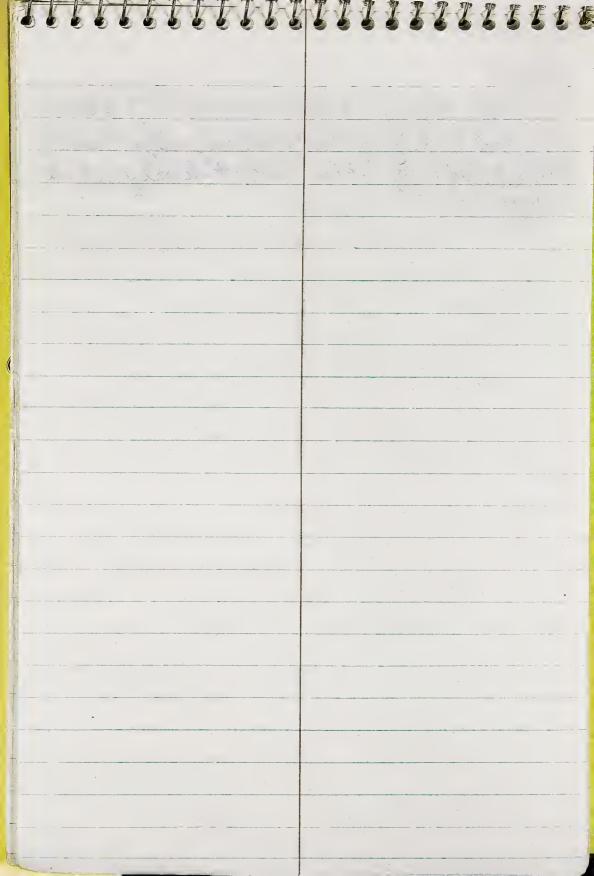
K Hower part Bonwell Hills Bonwell Hill cond 5/20/95. Wayneauth Vaynesville I came from topog

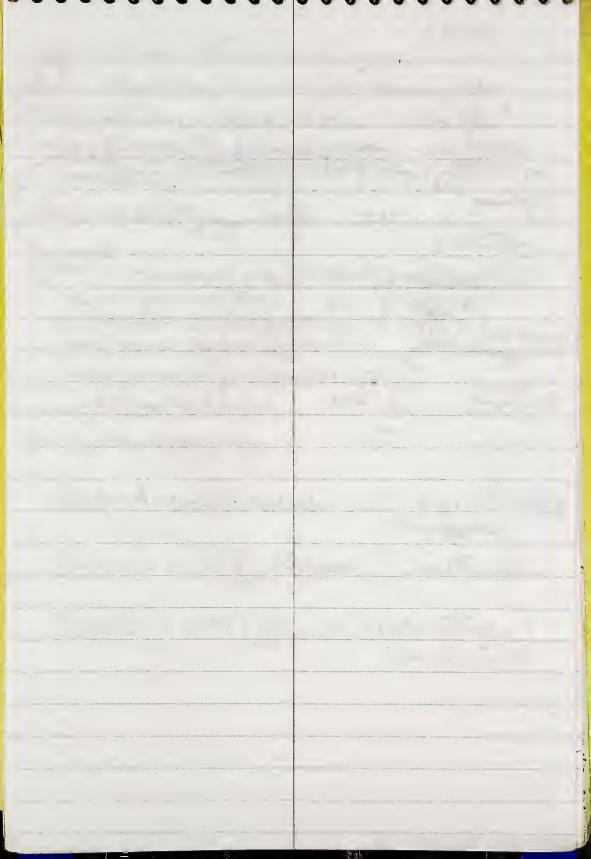


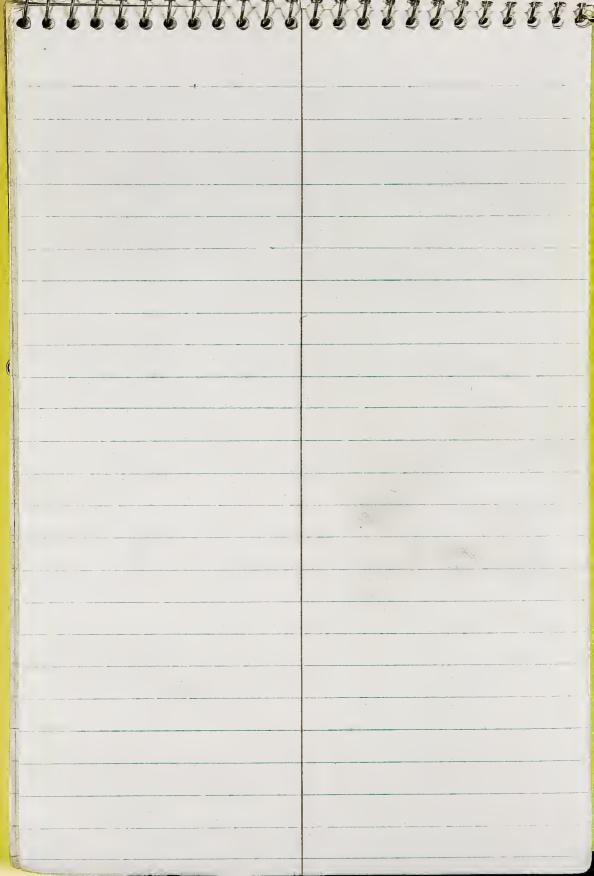
5/20/95. turnoff 29 Eun Hill Emile Not roud to Gan Hill Placena. On next hill Nacross shoellow ralley from Gast Hill (Note Aside of Gast Hill exploses similar. 3 BY Wahotoa vatore loves pasts and one middle post + 3rd one upper part of east aide of road cert Indiana 10/20ast cut Loose bry. Coll 5/20/95/L. Slak had her bry weathering out from upper beds of Brookville tim (Hay Pope & Frey 1981, R.84 Fig. 9). 5 3 photos By W 5/20/95/h. Bry hed 12/staboce base of Whitewater Fm 5/20/95/M - some trejas (large stems) 5/20/95/N. - "Homotypa" hed 2 collections uphill 5/20/95/0. - feel operimens collection but section? am not certain of



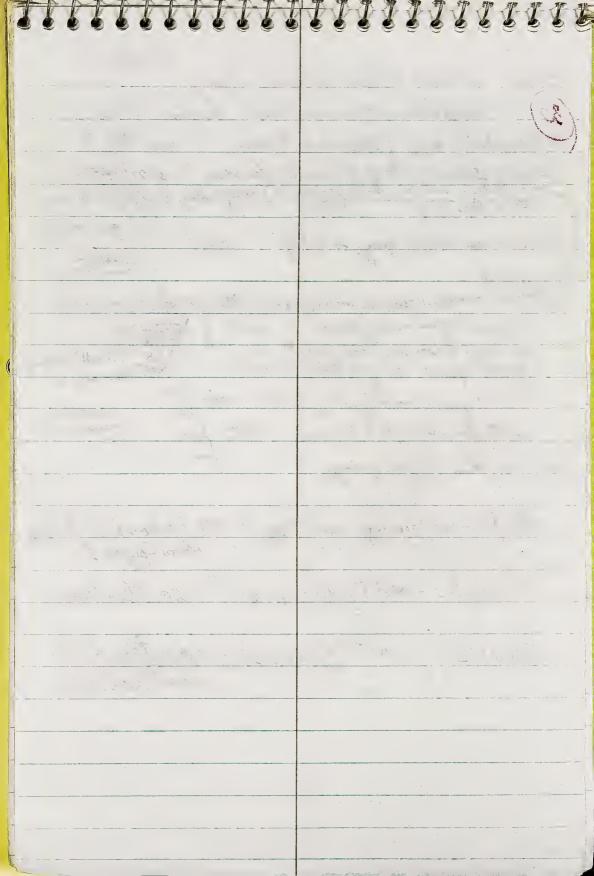
5/20/95. Note: houd section on USay, about Thick ofe of this lates & liney shales

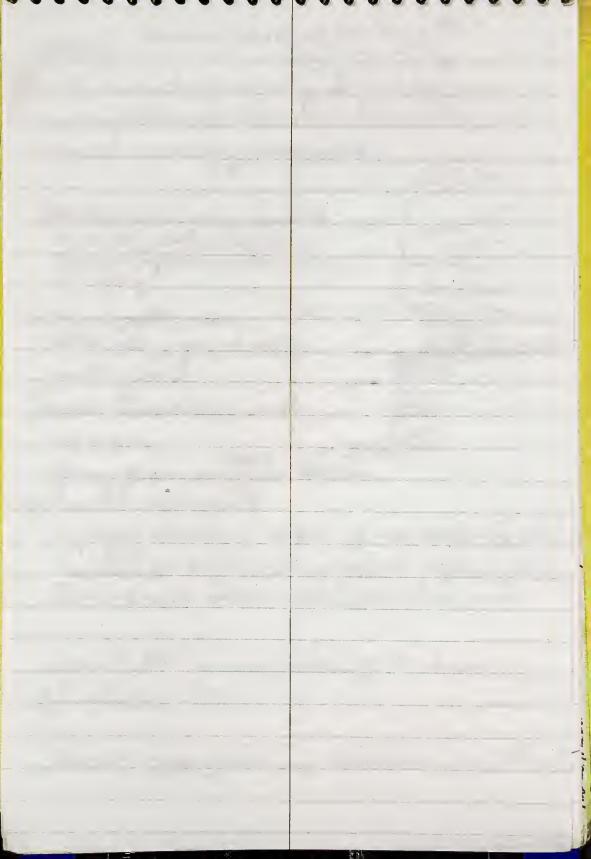


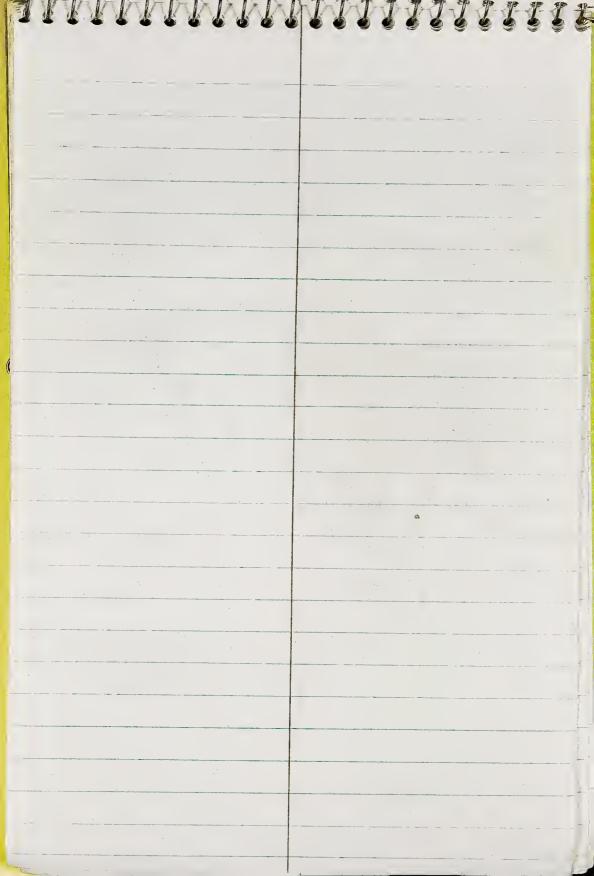




Stop 1 (2.30pm) RRent at north edge of 30) Whight Brow Morrowel H. Cl, Tairlorne, Ohio Ledges of el & municipation from sultation / soulstone - 2-21/2 = Combides a sud calcaboutic grainstone platy bedding 1' posso = let language souls from Some barrowny Shale, need to light gray, N self. 125' Shew your St. ferringerous, very pol sparing cal, molds jelled with silled fire at the grand grant ledge at top as nearly planer, 4-5' Lo. ledges below are vishely & setty and pooring exposed. In fact this could be a - 3"to 4" Ledge of "Horocotypea" covered predominately skely reterial -> [qui prej sellat with this shalp to entired \$ 22 / June days these are full of bryong. 5/21/95-A = Homotryja bandat top = XH (alcout 6-8 that 5/21/95-B- = XB (Bythopora?) 200 llections 5/21/95/C- = XMT (Mixed Legostomes) 200 lections







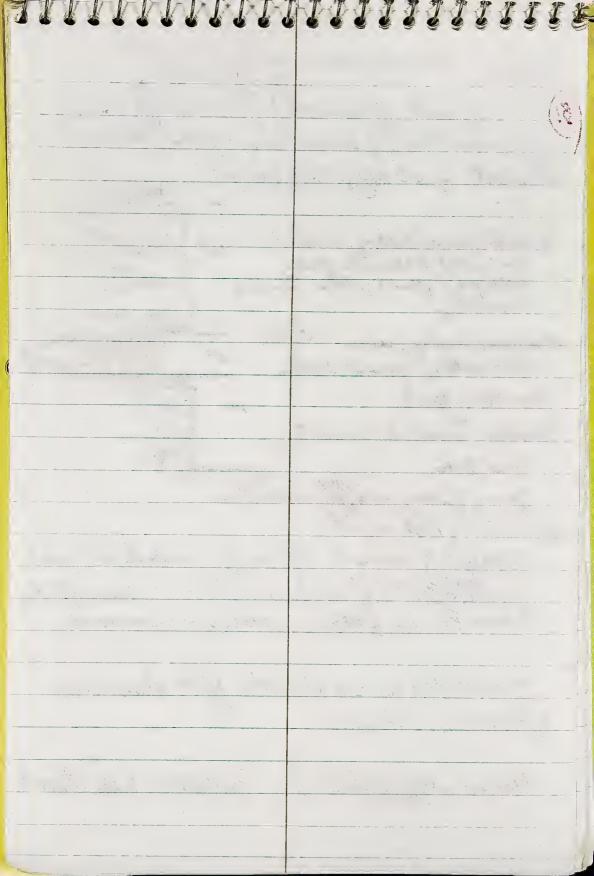
5/21/95 General area of Kairborn Chio 31) × Naich of rough & 4 miles from interaction of Interactive 6754 Ohio 235 Exect quary ahows: 15' Dolos tone, unevon bedding, massive to

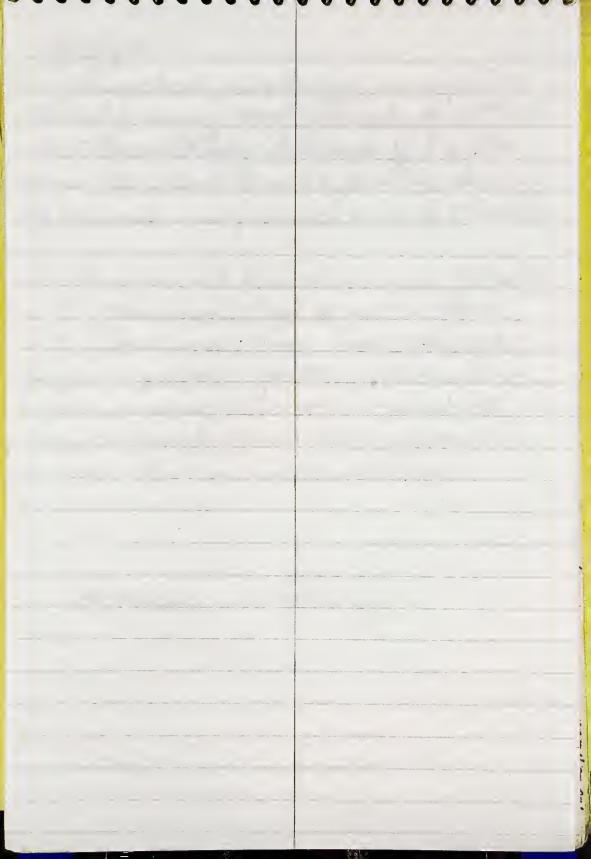
Kein bedded brokernemlan places

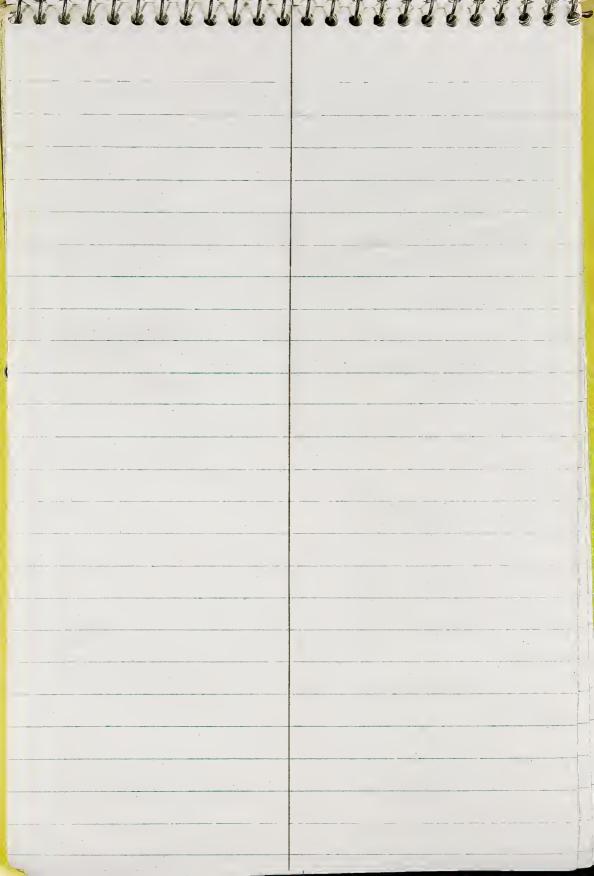
light gray - yellowish, whitish, color varies

con weathern Abale, desk grayettep; some 2'relig reddish weathern; granish dolestone 5' from the suiteval.

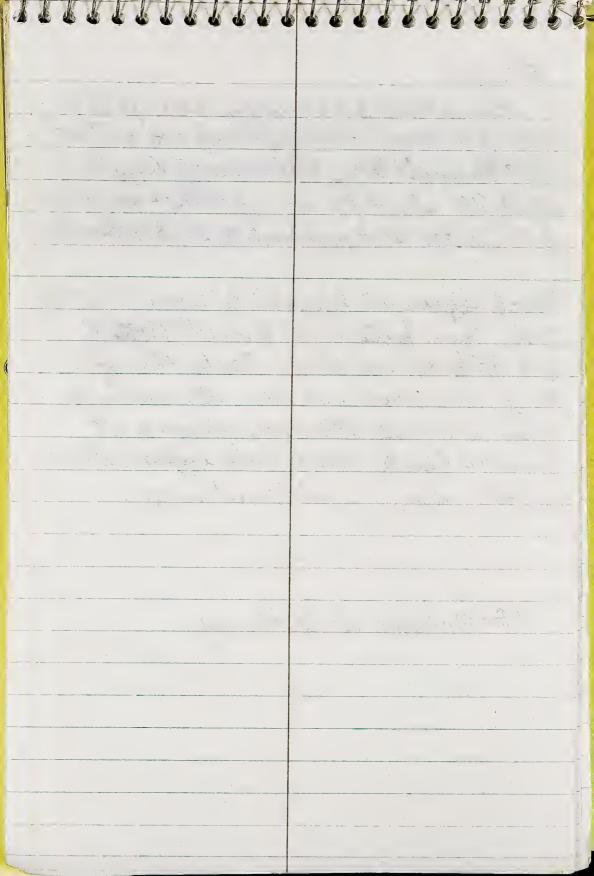
Dolostone, reddish brown weathern Juany floris on a green dolostone Si photo Naíde & showing no shale sitty shale i photo Bt Wolpoels marked sufface of X fine Bisher For is poels-marked & burrowed. 2 photo BY W. exat side of X showing Eft shale "lens" amer, Egglegates Inc. Fairborn hite Plant



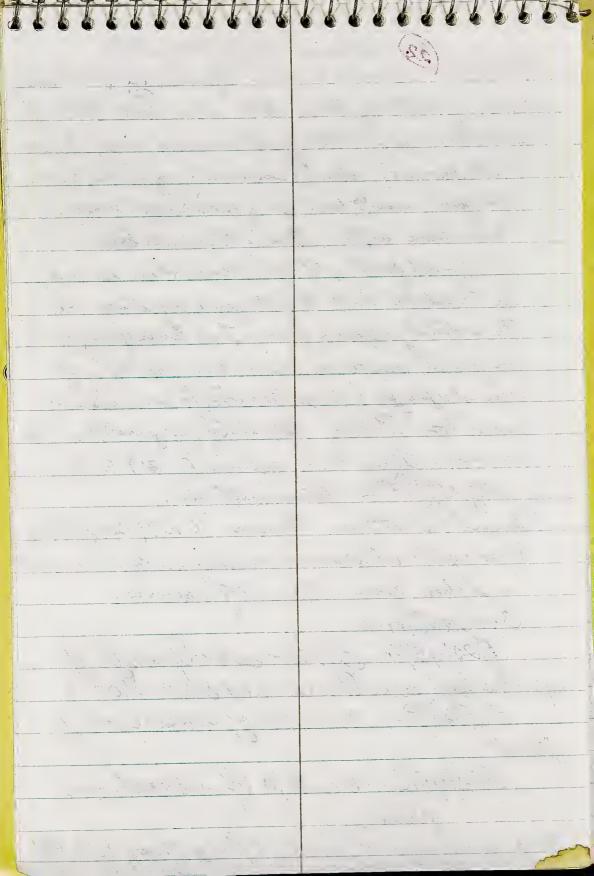




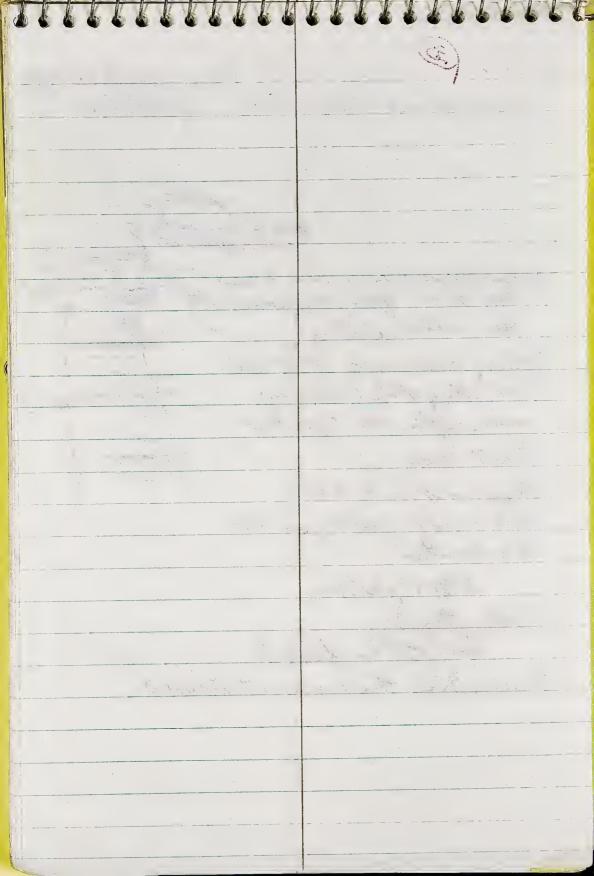
5/22/95 Renished packing samples to ecrosat 1308 Seanotteke Kakenen of Rayton. is ent P.O. short I's miles further at along of Chiesol. Sent postcard to Rich & Barb Coen Hamburgers at Riversible news Interstate 475. Then took I by to meet W 5335 il 5 35 to Xenia then back through Sinca & picked up Ohio 380 south 4 after secretal attempts stopped at Cuesas Cick State Park information centre. Here we obtained maps 3 Bot Wphotos at Spilling



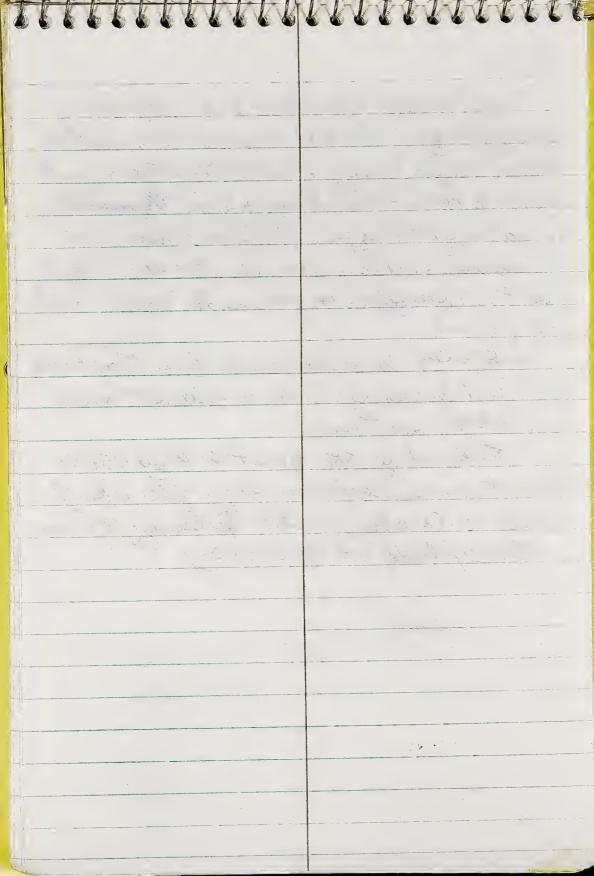
5/22/95 (32) Holland (1993) locality 5/22/95 (accar hoke Spillway (4 fail) Spillway section of Holland 1993, saw about 27 + I limetone and settstone with monouns briggs, bruthes. and burrows. Some beds have wany bedded low -Asserfaces, some have wany bedded upper-our freas, some line both, One is two beds last conclive and fracture, 2" to 5" I thick, these can only be traced for about 30 to 40 yards beforether are tranceted by ripple surfaces. Two kinds of longozous in general, smaller one nears base of section, of several species; larger Homolry for are extensive need top, "Sections", Hebertellage, large soliday cirals common. These have a cyclicate of 3' to 5' } Vi selty lagand les + thinner seltatores , "Several Exclusions There are 6 or 7 (chich photos) of these cycles which are more selly in the lower 1012 and then become list selty upwards. 3 collections 5/22/95/A-float from wall of spillway (walked across flat) 5/22/95/B-Nside of roadway alloat 5/22/95/C-on top of road in Same units as at Illight Bros. Mem. Hill RR moreal-weathereoldone. Dich is below this cut



5/22/95, (33) Caesar Lake Dem skraiblings Lower section at Dam outlet. (Atalel) seltatione greenishten weathers Calcarented shell frage about 14 must dimension, Grangeale coment with some redust wathery Lyclis of nochelan Ls. 2-3" Hich and liny shale (dark gray) and very thin Is, Cycles about 3 to 5 thich Beyozgans present but are small and fragmentary in these flin limestones 2 B4 Wphotos. Bollections CRuisited this - swet shoes



5/22/95. Test lacaces the State Parks of near Harcreyaberty cercents to Corcein then west to Nagneaulle (very much titivated, tourist town); come theimbergerhere. Then took In exiting at ilagnospille, eve saw out 1963 road action, which for the most part is overgrown, then to "coffee "break stop above Droce to helianon of then Clarkout explored several roads & did not find suitable sections Took Huy 350 east to Hery 730+ then turned north on Huy 730 about inile to Cowan hake Spillway & Dan 18+Wahoto at Spillway



34) Couran hake Spillway

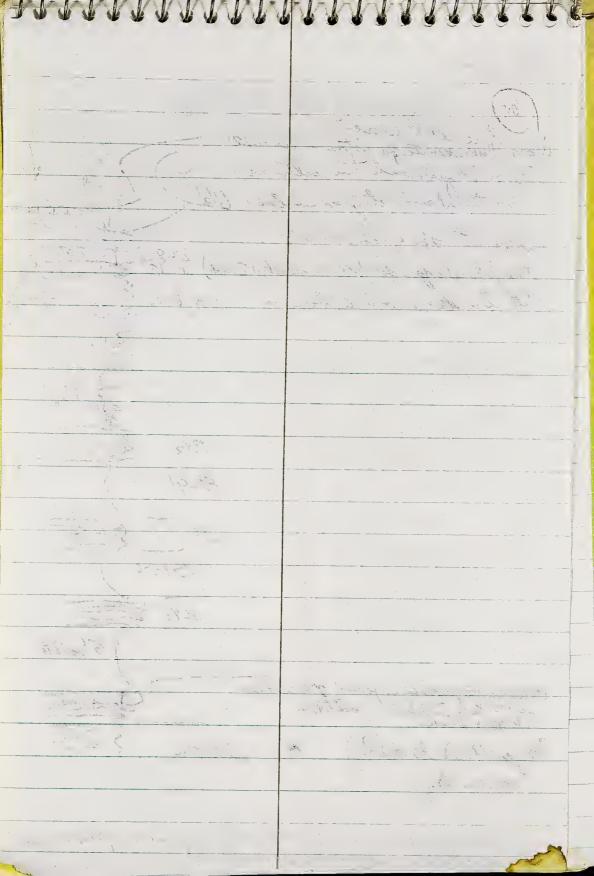
Coaros Calcatalité above

Coaros Calcatanite gramitone - 10"4012"

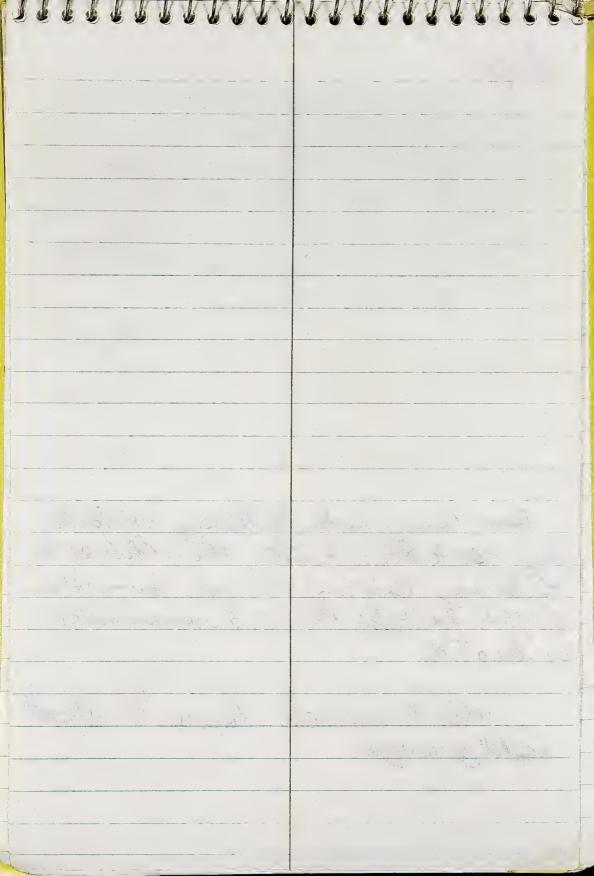
Irronich yellowish ton selts above are

westlesed und not effort as leads. 6/2'

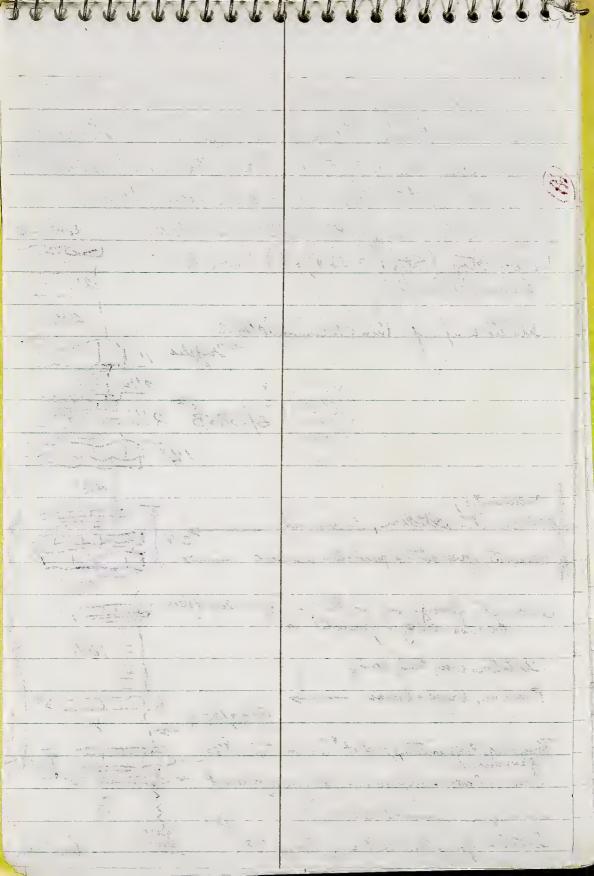
Towned + Callerente, spary cale. comont Orangest redupper surface is early (Crark) bed. The bryons U. A. T. - 1the Downsett burnes 2-5" beds & 16' Calcerente, spary cale comments Het tricker downants burnes 2-5" beds 242 2/2 Calcaronate packstony formed 3"to 5" bedse with them suturbed a gest stom. Teleograd (Pecta) bracks (Rey) 4' sillatone only rare birgos Lishermen state maintenance personnel



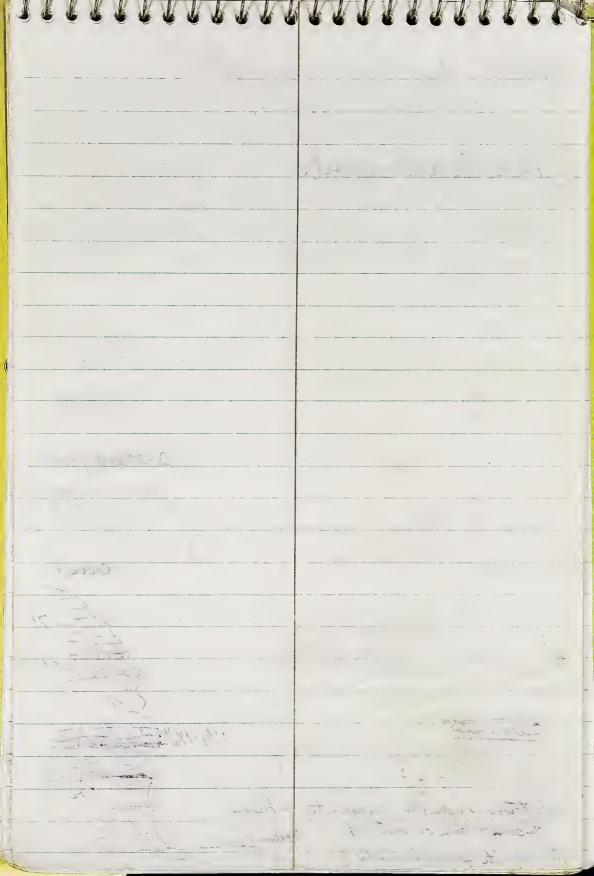
5/22/95 From Cowan Lake Zoilhvay, we took they 730 to Blanchester, then Ohio28 to Melberry (driving through town) then I275 to exit for Ohio 125 where motel is located all the movied "lawns" + street ;



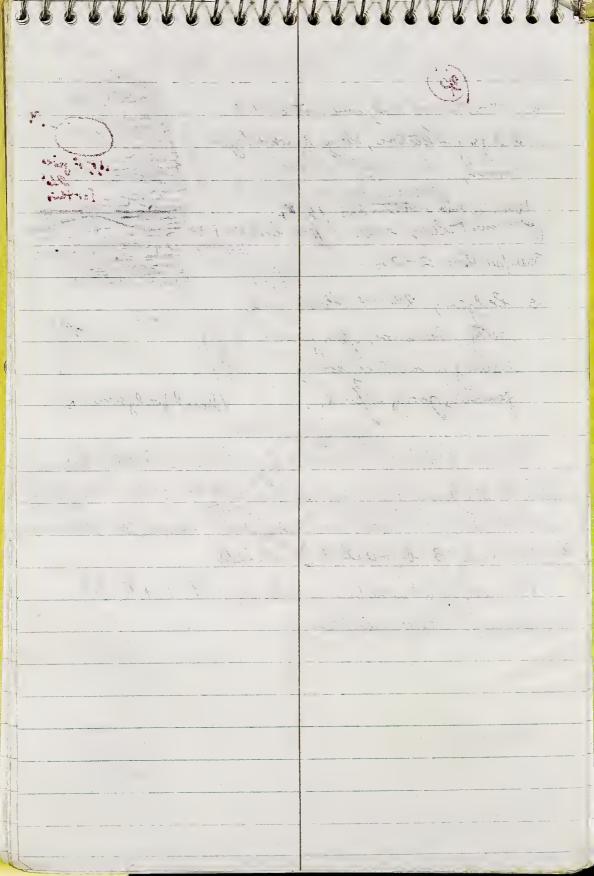
5/23/95 Motel recepciation Cincinnate, Frest 3960 Nine Mile hoad \$33:34. Motel SEens. In5 Francilled on I275 to Chio 3,2 and atopped Let and Catavia exitat Bacca Road. Hay, Pople & Frey, 1981 - Batania, Stop1. cont. Lower stop (Stop 1 7 H, P, +F) Kope Fin sellatore w/a few thin calcarentic selston 5/23/15B 2/2 14" Calcarente Alton, burowed Calcarente, granstom of packeton wassivo Calcurent, ferrigions weather, - top is almost place. Dillstone, ling shely sonly Padretone, bryos + brechs Bracked of grainstouf packet brown stained Fe3 Crinoid bed - surface is a columnal promont some fine winnowed calcarente Settstine, gray tanevertheny, ling forward Roaddith



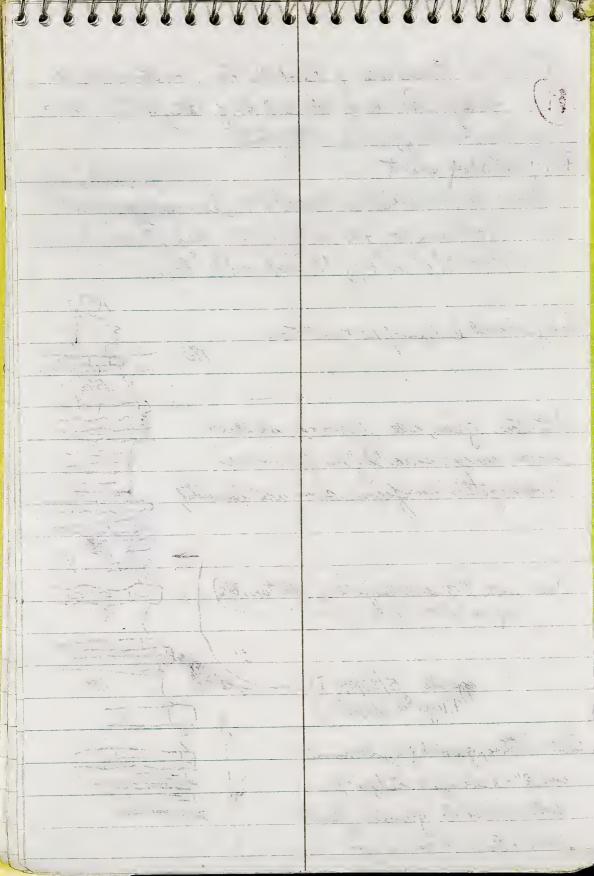
5/23/95. Hay Pope & Frey (1981) More brachiopods Continued from previous page. Covered E-71 Calcarente Settstone wa few their colorentes thicken thin on outerop - these Continued Calcaserati ferragiones Lo



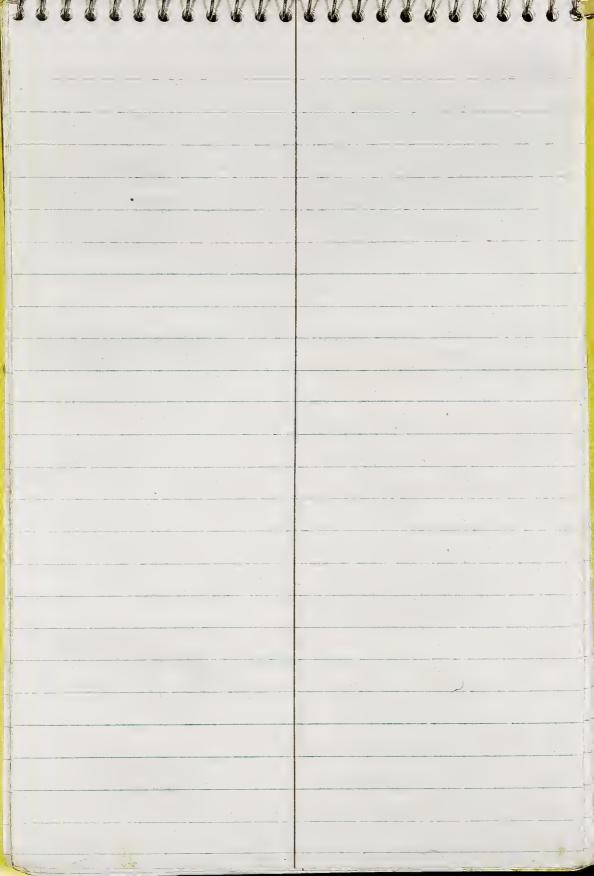
5/23/95. (Hay, Pope of Frey, 1981 Step 2A) Lo, 1"-3" way bale, and enterbedded cherk gray saltatione, large bracked byon & HP, F grie comm, 5/23/45/c Floor Massive call with bed. 14 4 Shelefalistone 2-21/2 - Midwhitein LS. ledges, 21/2-4" Huch, very setty, burrowel, ferry 1 bedding is relatively even" generally joorly exposed, I base Vi poorlyseen & Photo By Whahown by blue into band shoto taken, howeveret Noface toget durlight 5/23/95/c - monticulose flat broad colonic. that are 2-3" broad & 3" thick Bload cut section along this to 32 on souther side



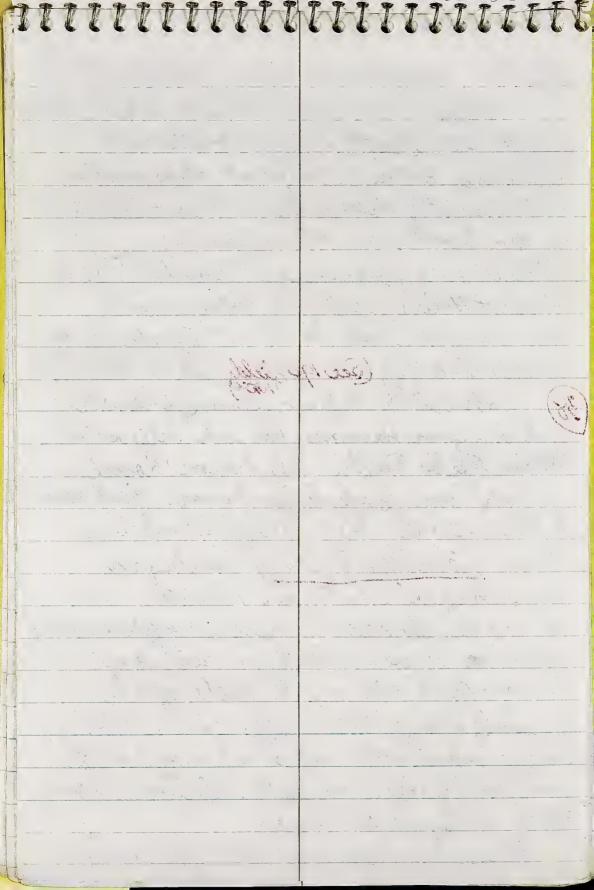
5/23/95 "Gealli" Mbr. 1 "Brokolle" Fm. on Ohio 132 at Frank Pope + Frey 1981. Stop 28 BW of oust only rowerst. Some beda with brachs & few bryosflut the rocks are too aity for bracked byos! "Excello" mbr of "Brookville Fine borly expraed ledges of his + seltetone \$ 5/21-Litt stone, grean, cale: burrowed, shelle on same surfaces as "leg" surfaces or as colonization surfaces; some well laminated, Cale with 2-3" sittetone febbles (pietura B/W) 2' apposite 5/23/95 D Tilager Rd. (floot) Call Sellstone, granish gray, busined and 2"-3" isregular ledges of calca Josells. granstone Jacka Grach & trick , + some bryon.



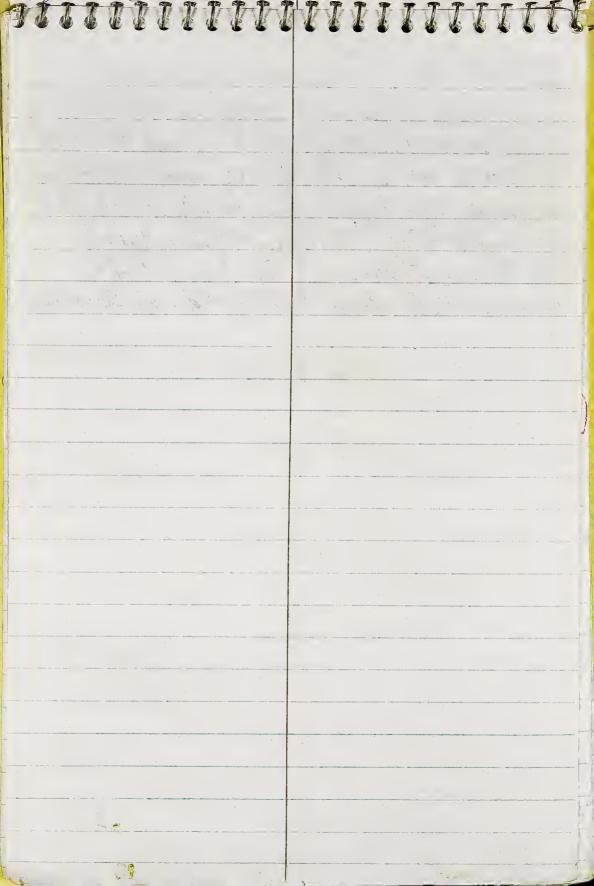
5 63/95/7.



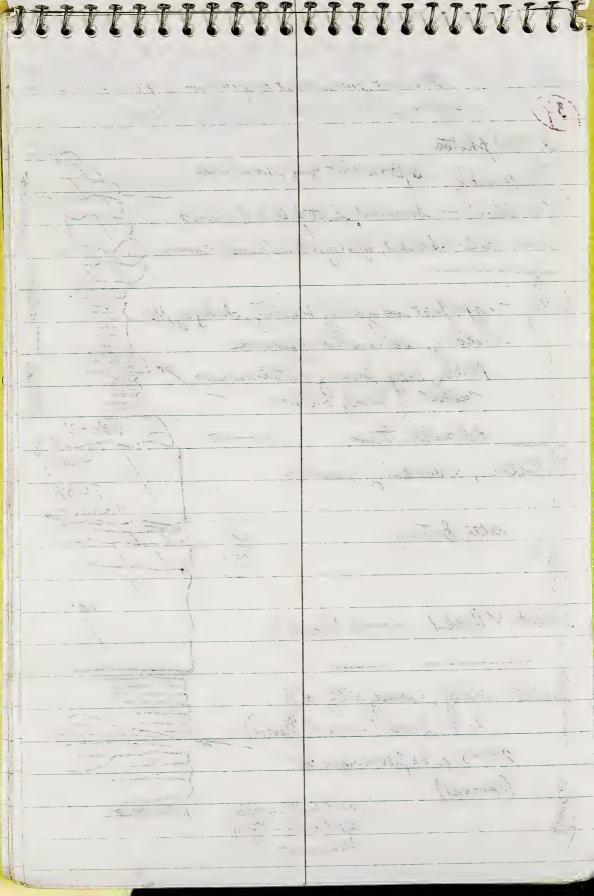
0000000000 5/24/95 Took whis ite 125 from dillianswelle Opio 125 road NASof white Can Creek; excellent long road cuit ale tions. Holland (1993) lists this section ·8 miles west of intersection eld. 68 + Chieste 125 (12 15 pm lunch \$1.47 at George town) (Tocted it acrogrammes at amelia 1.0. to Herbert Hololaworths Pat Hololaworth Town Quahworth & Rev. C. Tyndall re 38) Took US68 Nofrom George town; Ended up on Hammer Rol who intersected Dean Delhi- amheim houd which we took to aucheim. Madman to Rowards Rol Skot anneim about 3 miles 54 th of auche in eventhered late on Naide several discontinuocio exposures; also an lower part of section in amall ch on E, side of ch (photo B+ W of late leage sin creek) Marge "strophomenido" a emost 2"-25 actors bustowed toto altalone; dome thirte ledge a (2-3" thick On cieve around hill after croading



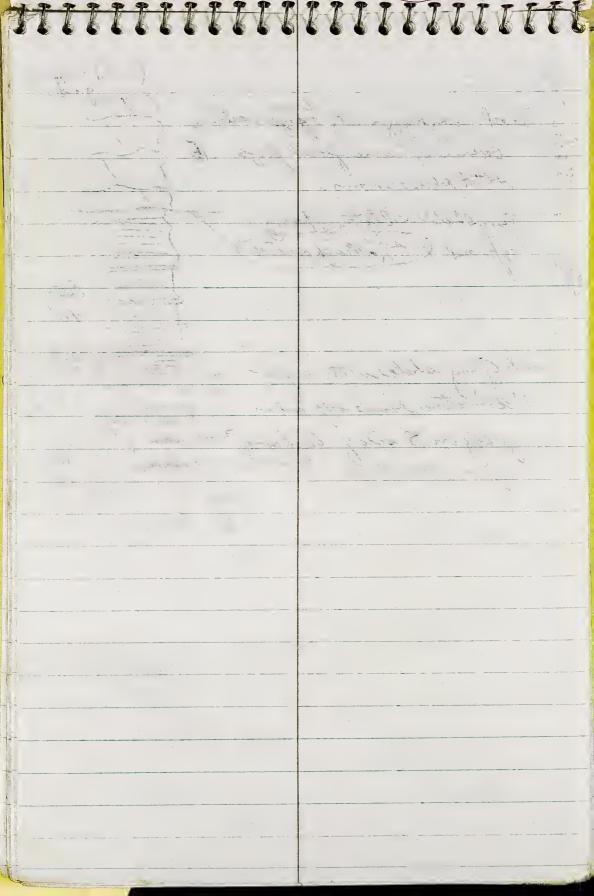
*Amile el section, small et so ches on east sude me hace loured spany calcute. eachere un silty lime mudstone w. many like the tolew by [à'5 miles Sof bridge at amhum on Exouenatourn Janhelm Rd) Hammer Rd then Tricity Rd into Sardinia



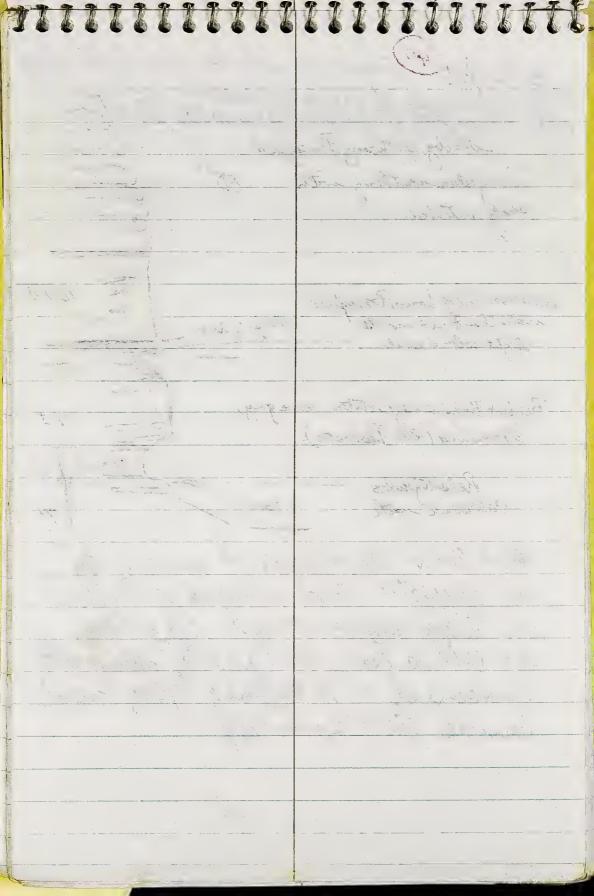
540, 53 Hoy Poper Roy 1984 Rextog det Way-195. Charles west of junction 741 and 32 on lughon 32. near Reebleg (huo 2 B/W photos Peebles dol - light v. light gay, some bands transition" - burrowed selfilled burrows in a dole-xbedded, spary coste "leads" comm Lilley -ufferfast very shally + selly, dark gray 1/4" bedding, liminated appearance Muidy, ledge forming sellitone nows dolonate trans Dolostone, X bedding, massive, 7-8% Isty partings Dolost, X bodded, masain (beach?) Dolot. sandy, + sandy silty dol. 2-4" Dede (bars or fluoral) 2/2-3' set fill Surfaces (several) 20 below top of His unt



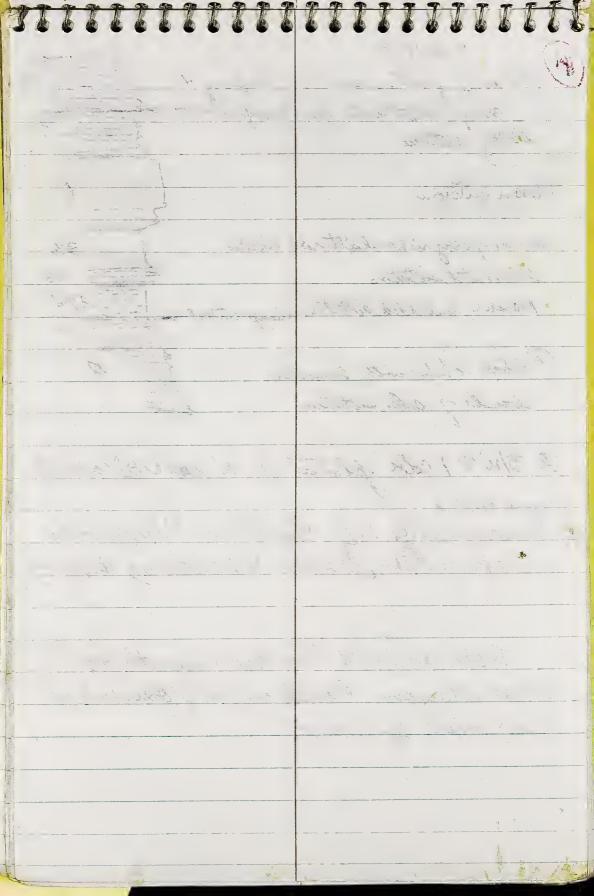
3 Doloof, vory kygy vally orgaze wathery B bureowed, some fossil fregs. 15' Soltst peblos amoun express eresional contact) Chien flies! med Gray shale with a few 1" Ilmustone bands exposed in July on 5. siley lufting 3 3"- = pencer 1998 6/10/98 2" sitts = 21 3



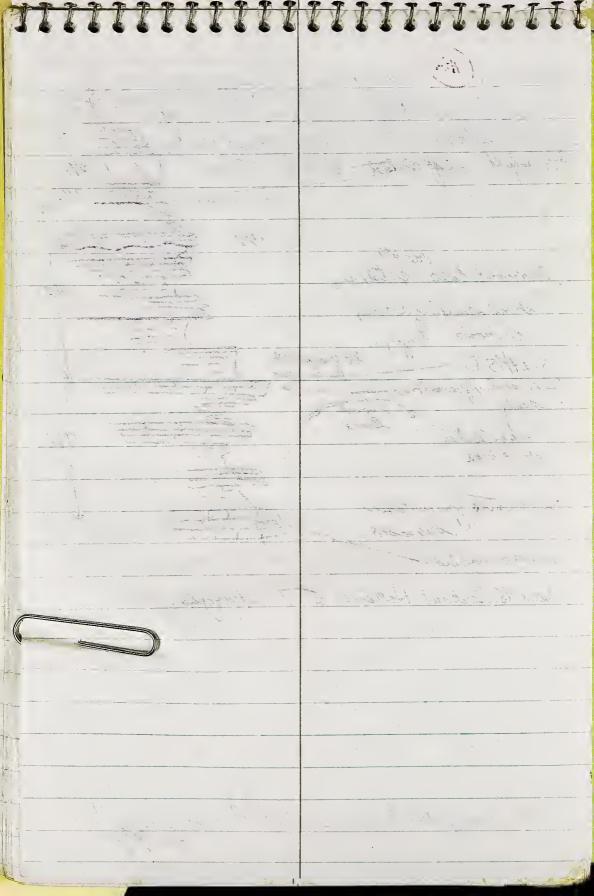
5/24/95 Chio St ate 41 immediately S. of erocaing of Ohio Baceshot Chio E CR. 1.4 milch S. of Nece Raonville, Chio E slabby weathering Brassfield uniquelar weathering with 50 shely interbeds 10-12 Belfest Book sendy sellaton, olive gray, Iburrowed (like Takeles 55). Covered \$ 121 Redsillysheles Calcarente mith Thoso of W Weat face of recident Coll. 3/24/95/A. Float at base of Befferst on ledge above road, 2013 Hills at Ohio Brush Creek Stop 5 FT Ressoud & Kleffner 1984, Kield Guide GSA ann. Mg.

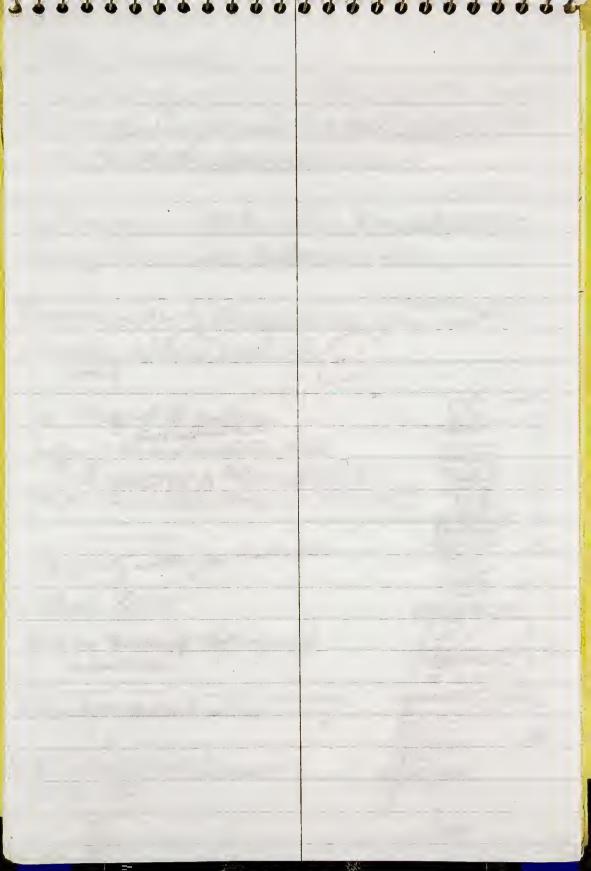


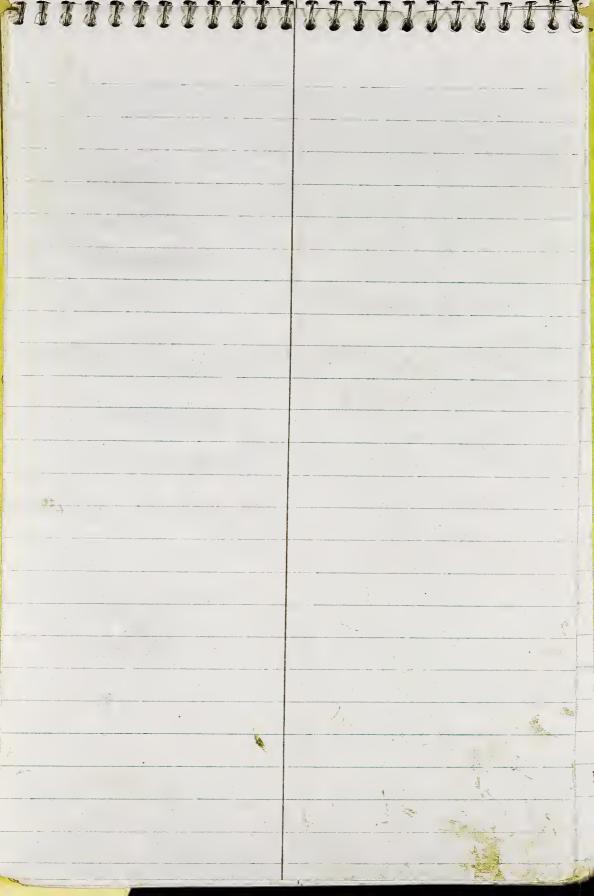
5/24/95 1/4 suche farther south on Highway 11
Sharp contact with lower Brussfield —
Slabby sellstone Messive sellston Sands of clayrich and alterish clastics Summited seltation Masswe, untidded seltatione sharp contact === 21/2' Red beds shale with limonitie bands of call sellstone 2 B/W of 1 Color photos of W. side of road Load cut is Language Red Language Red which enters from Waide of Herry 41 Took Ohio St Load 41 south to Mest Union. Road cut exposures on West side of road



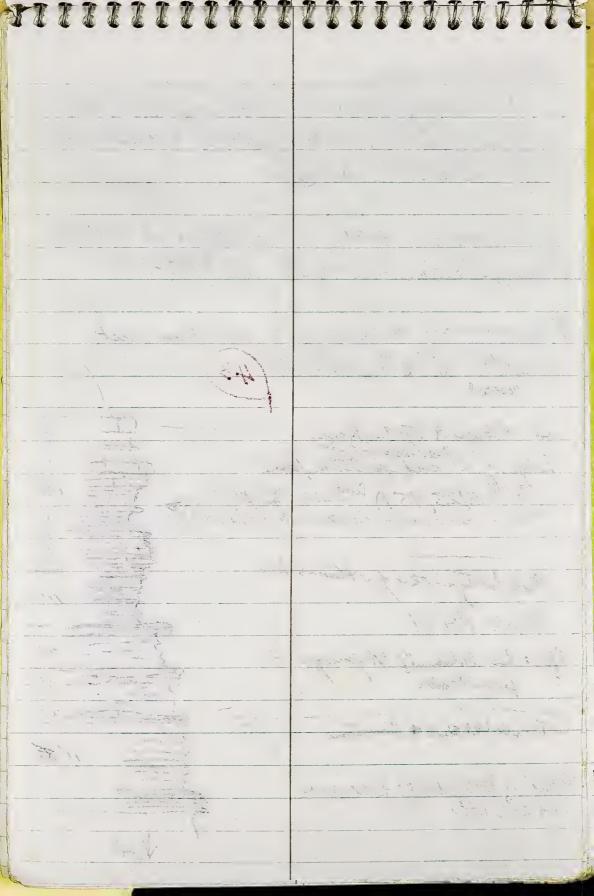
5/24/45 (Holland Roc.) & smilest we think his Escorner
List miles Not will a rection i's Chies of als 24014 it Nest West Union III burroved cale sillitone, small solitary coralg 5/24/95 B et grayaltet 5= sandy Troad level cross bedded in 91/2 some bells, calcarente grandone buseaved. small ourned bed -Need to workout Hollands strat sect graphs. a way hot day - 85°F - w. sun!!



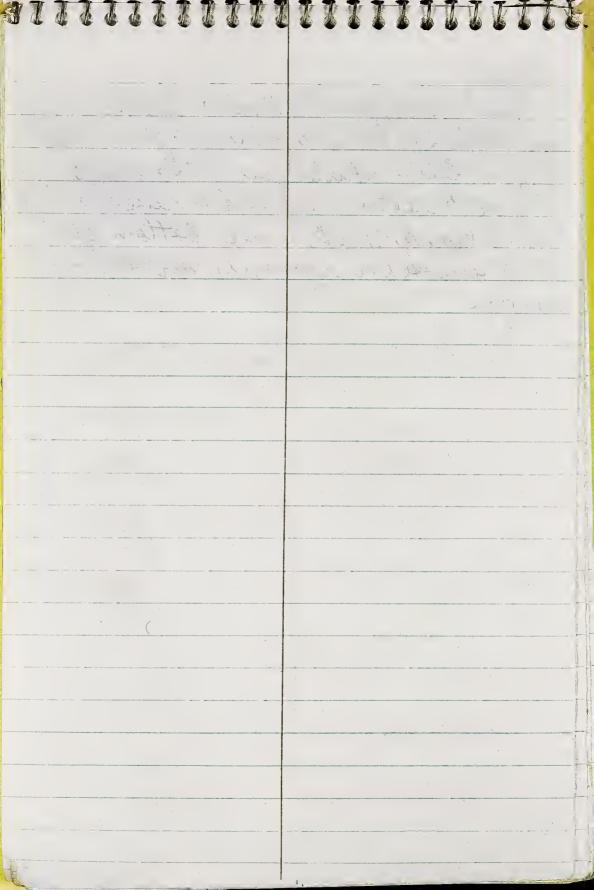




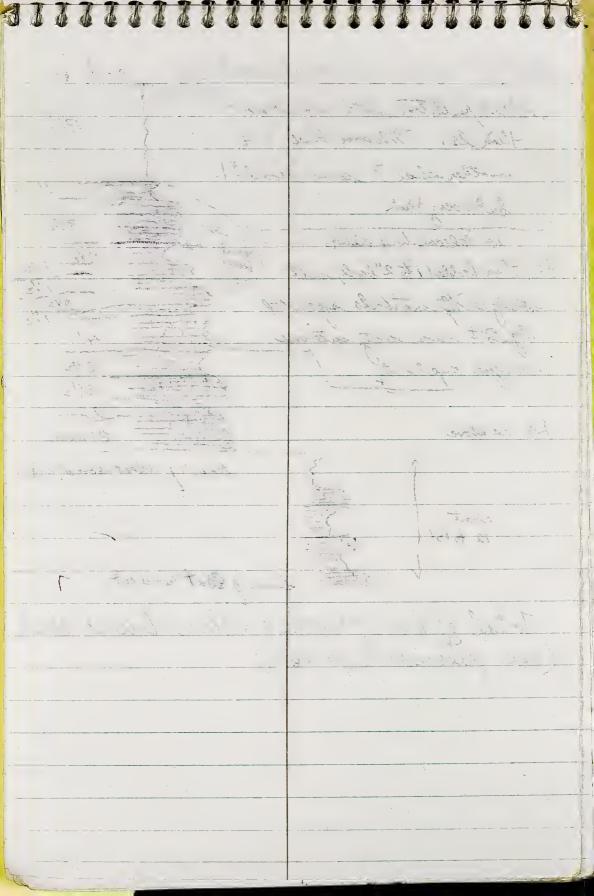
5/25/95. Thursday. Menning. Car trunk leaked & parties wet. Necded aponger Afternoon - took Ohio Aroad 125 to Georgetown. Lec Holland (1993-Fappevach to George Lower from west Wride Whitevak Ch (43) Ledge of Los and sellatione falle Coll 5/25/95 A Protest see 9/23/05/C Shale / selly with a few Him LS beds Those BYW (fleat has "bielerius" ; "Refininguni) -- 4' V. Thinbedded That & limestone 118 Total HB+Wahotos to cover whole ofc. Vent.



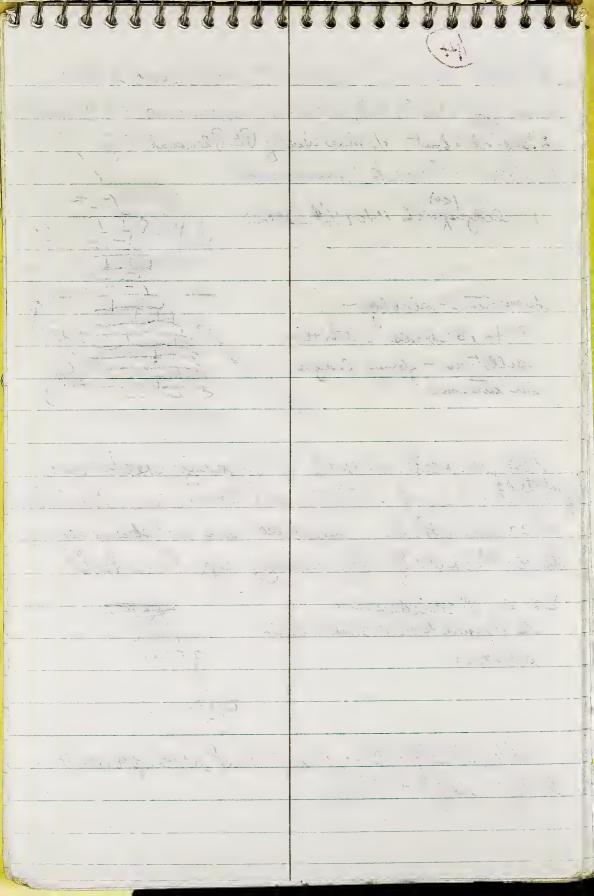
5/25/95 Hast side of Whiteoak Geek walley on Ohio St. Rd. 125. - in xo och cert, there 601 of lote & shale completo below the work section exposed on west side of Mhiteoal Creek - see bottom of this unestern exposure on the next pauger



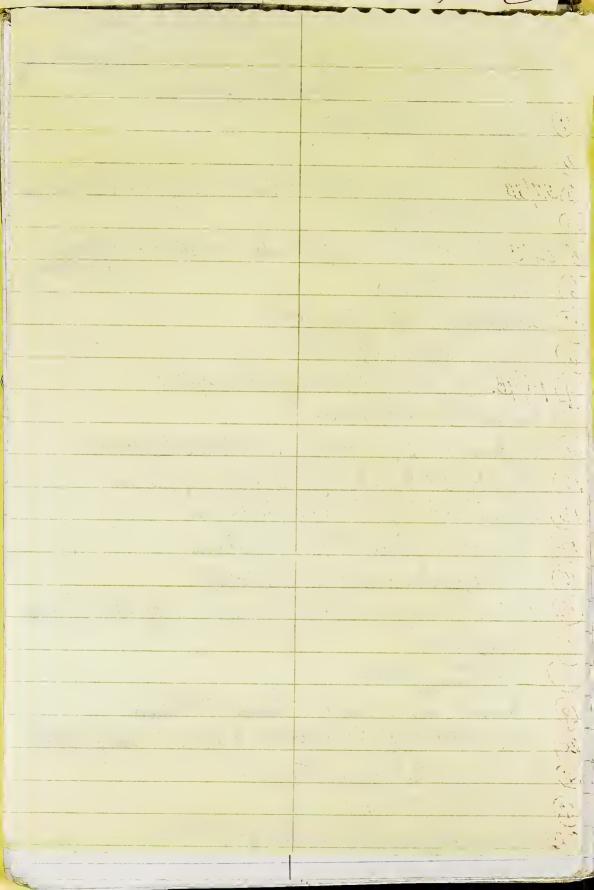
5/25/95. Miest sich of Whiteoak/Ch/ (contd) Him Is. ? Misoni That? or mother slide? some nodular 15 but very thin 31/2 LS. calcomente + settot. 3/2 1/2 13, thin bedded 1 to 2" bed, with Stuly setty interbeds soparated by 2' t more sely intorval a vague cyclesty L5 as above base of West road cut about 12' to 15' base of wat road ent Total of box of execles below lower shale (see precious page)



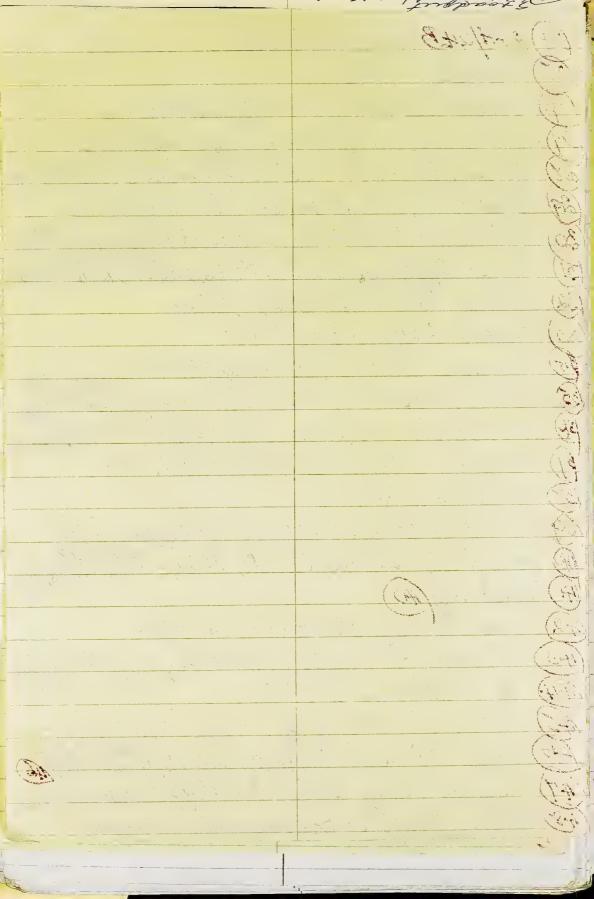
5/23/95. Point Pleadant. Holland's be. Terriff Il.D. 5.3; whe am expourse on Woide A Sty at about Ilo mile Westy Pt. Pleasant city, limito. Creek exposure Ls. ledgesporth i'to 11/2 siltstons Ky E 6' Limestone - slubby -8" to 18" beds with this siltstones - Journa ledges Pleasent Stally Ma private road to Quarry Creek have expetitione in NW side of acceds 10 ad about 20' above sect sticked above; ture-thirds of the eway up the hill LS. in 2-3' ledges in a deeply weathered Shale + brown Coll. 5/25/95/B-floot but prob from a ledge right there.



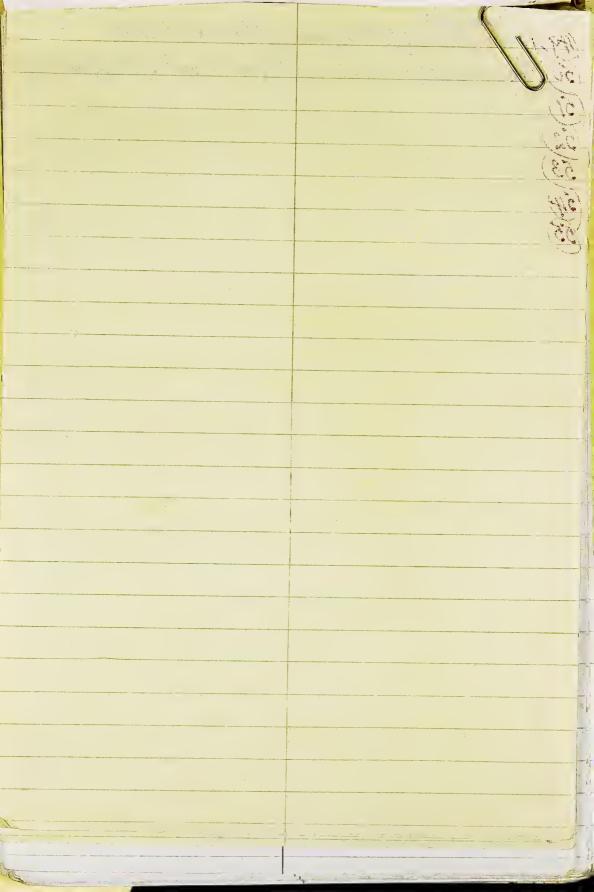
5/1/95-10 6-20-95 field this Spring 1995. Log of steedy site area Total miles havelled 8,535 miles I Cannon Falls, MN. 2) Sagn, MN 3) 9H /3B Cummingsville & Cummingsville annex 14) Masonic Park 13) 54/28 Fountain - W. of Foundain + other is NWof (6) hille Hill, MN 7) Wubbel's Laurne, MN 8) E. of Chaffield, MN 294/9B. 3 miles of Spring Grove MN. 10) Kendallville Towa W ca 3 miles St K of Kendallville Towa (2) 32 miles St 4 mile E of Decoraty Ioura 13) Fimiles St of Decorate Towa 14) Church Street huana Towa hittleport road at bridge 15) Twin Bridges Park, obmiles Wof Coleaburg (P) (naf Towa ashury, Iowa Dubeigne Iseva - horas Collège W. outskirts of Dubugueror. Devon & Dodge Street x S.E. of Dubuque, Iowa Bellevier Towa Key West of Dufugue Town



24A/24B. Seales Mound Camplen, Ohio smiles west of hiberty, Indiana ca smiler K. of Hambueto, Indiana Donwell Hill, N.E. Erobbulle, Indiana Gast Hill; NE Brookville, Indiana RR cutat Wright Bros. Mem thill Dayton Chie anex. aggregates Inc X, Fairborn hate Plant Caesas habe Spillway, Ohio Caesar Lake Danz Ohio Couran hake Spillway Ohio Chi Rte 32 Near Batavia Ohio Stops 1 of Hay Poper Frey Near Bataria, Ohio Stop 2Ft 4 P4 F (1981) Kte 32 Nr. Da tavia, Stop 2B H, PAF 1981. Ohio 132 arnheim, 3miles 8 + 11? Exillace N4, Peeble, Ohio, Rextoad & Kleffner 1984 i 4 miles S. of Tacksonville, Ohio, - Ohio Brush 14 miles Soff 40 3-2 miles Not West Union Ohio 43) W. side of Whiteoak Creek, W. of George Birt Pleasant, Ohio at intersection of Ky 8 + Ky 1109. Near 1) Meyer + Tobin (1981) Stop 2 on Ky 8, I mile Wof 16 1) Maysville Ky USG8 at Hilltop Shopping Center 48) Mason (Beidlin) Rdness junction w. Ky. 16.



Roadout on US 1+2, 2/2 miles east of Bedford, Ky



The In My general, Eternation structure was composed of focused this unconforming outs thrust denicity the Pt. Please stand rests in the Service I to 3 meter eyeles of thick sily shales and thin sily limestones, muches and some packetines. These there witer facilities, machestones and some packetines. These of the sees witer facilities are thing 5 th order grant (Milandovich); some are group into poolly organized 4 th order parasiffe sels. Havies give way to payee in the graduely successed in their steely increase in their security strates in their presentet persumally of in somewhat shellow water because both east and meety the circ. link, shelf eyels Continued to predominate will into the middle Mayeorden green, and toward the east. Me within the middle Waysvilliam at the top of the Mainton and the top of the Mainton over large cross of the present as promised over large cross of the property and in winter of the property and in the first over t

Fri Jul 01 1994

A hold has been placed on the following item by the patron listed below. Please pull this item and forward it to the library location given below.

WSU Dumbar Library Col. Glenn Highway Dayton, Ohio 45435 513-873-2525 Dumbar Stacks
CALL NO. GE151 .668 v.1 c.2 1
AUTHOR:
GSA Cincinnati '81 field trip guide
BARCODE: 0001302000466
REC NO: i15974479

RILEY NELSON KINMAN
CIVIL & ENVIRON ENGG
M.L. 071
INSTITUTION: Univ. of Cincinnati
PATRON TYPE: OhioLINK Faculty

Jusut A) The Cincinnation Series (Stage?) How may be pleasacterize of as a gradually shallowing upward succession from deeper water home mud-carbonate Jaces into shallow water dolomitie seltstone and doloflimestone facies. At its base I a sudden traffer about change from the fredominants carbonates of the underlying Lexington group into shale sittstone thin limeston paracycles.

Fund: 320036 Charles & June Ross Schol Endow-P (Fund Type 61)

							{
		Acct	Trans Date	Document Number	Document Ref Num		Description / Ve
Beginning	Balance	s131	> 06-APR-92		>	> J089	Claim on WWU Cas Dist earning Qtr
			08-APR-92 14-APR-92 15-APR-92 21-APR-92	G9210061 G9210062	GA914925	J096	To L-T Pool - 30 92-93 Spending A 91-92 Spending A Prior Yr Gift Ac
40			28-APR-92	G9210397		J089	Reverse G9220233 Move fm ST Cash Correct FY92 Spe
Ending	Balance	S131	>	>	>	>	Claim on WWU Cas
Beginning	Balance	S191	> 08-APR-92 25-APR-92		>		Claim on WF Long To L-T Pool - 3G LT Pool Qtr 3 Ir
Ending	Balance	\$191	28-APR-92		>		Move fm ST Cash Claim on WF Long
Beginning Ending	Balance Balance		> >	> >	> >	>	Fund Balance Fund Balance
Beginning	Ralance	¥112	>	>	>	>	Growth factor FY
	Balance		>	>	>	>	Growth factor FY
Beginning	Balance	X150	> 21-APR-92	> G9210286	> GA914925	> J096	Redistribution o
Ending	Balance	X150	>	>	>	>	Redistribution o
****					Subttl		Fund 320036 Charles & June R

across the cresty the Concensuit Wich, Alle upper Maysvillian and lower to middle Richmand in strata are composed of the conflets of 4th order paracequence sets that alternate between shift on the more will sellythe go ackstones are common grainstones The woult policitly deeper know depositional facies on a mid-carbonate range alternating position. however their man indeposition of hering hering Times of position, however, they may refresent times of different amounts I clay and selt being introduced into the depositioned ystem.

"Because " Jaunal facies are characteristic "to several of these alternating depositional packages.

REPORT NAM FOGLO3 Fiscal Year: 92

Western Found G/L Transaction As Of 30-AP

Fund: 280036 Charles & June Ross Schol Endow-I (Fund Type 21)

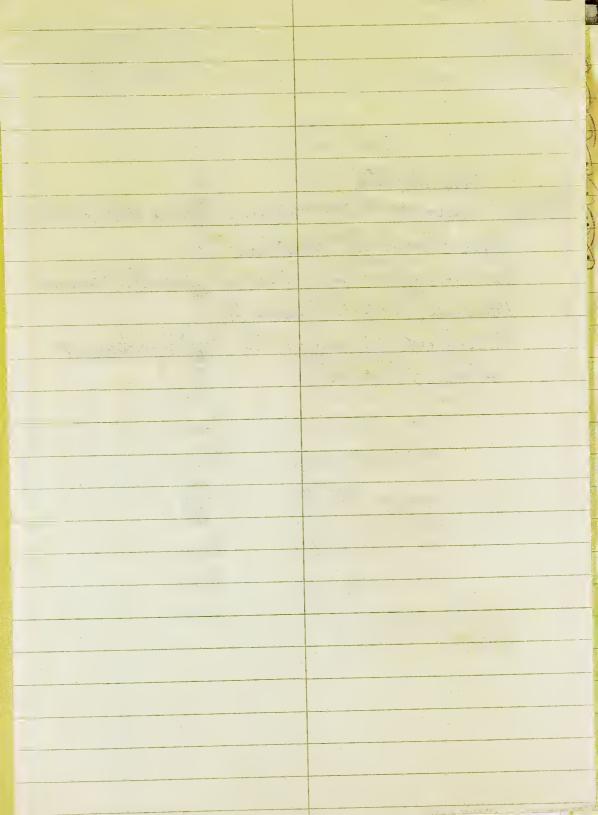
		Acct		Document Number			Description / Ve
Beginning	Balance	s131	> 07-APR-92 14-APR-92 15-APR-92	G9210061 G9210062		J096 J096	Claim on WWU Cas 92-93 1% Admin F 92-93 Spending A 91-92 Spending A Correct FY92 Spe
Ending	Balance	S131	>		>	>	Claim on WWU Cas
Beginning	Balance	X101	>	>	>	>	Fund Balance
	Balance		>	>	>	>	Fund Balance
Beginning	Ralance	X112	>	>	>	>	Growth factor FY
	Balance		>	>	>	>	Growth factor FY
****			ę		Subttl		Fund 280036 Charles & June R

across the crest of the Concinnati arch, the Mc Willan interval refresents three members the formation, the cardonate rich Belleviel was deposited relatively water the Correville fin deeper water althe Mt. auburn in flooper water and these make sof gre begunger that may not have well destayed high stand marke up frograssively deepening facier, the These found facies are rejented in reserve order report through the Att Ursheim formation from the deepwater rarionales in the base of the Sunset to shallower water with its recurrent Corrigville Jannas news its top, to the Oregonia with its forcil hash "near its top.

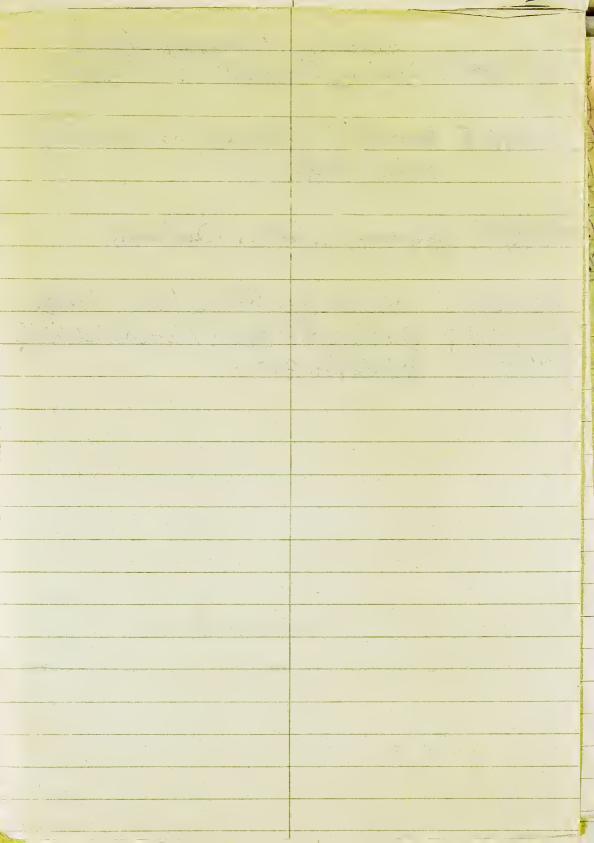
Jund: 280036 Charles & June Ross Schol Endow-I (Fund Type 21)
Orgn:

Acct	Acct Title
s131	Claim on WWU Cash
** Subttl	Level 2 Account Type 10 Cash and Short-Term Investments
s320	Interest Receivable
** Subttl	Level 2 Account Type 12 Receivables
\$600	Due from Other Funds
** Subttl	Level 2 Account Type 15 Interfund
	Level 1 Account Type 01 Assets
W100 W110 W120 W180 W200	Expenditure Control Budgeted Expenditure Control Revenue Control Transfer Control Budgetd Chng to Fund Balance
** Subttl	Level 2 Account Type 30 Control Accounts
**** Subttl	Level 1 Account Type 03 Control Accounts
X101 X109 X112 X198	Fund Balance Restricted Fund Balance Growth factor FY91 Start of System Accruals
** Subttl	Level 2 Account Type 40 Fund Balance
**** Subttl	Level 1 Account Type 04 Fund Balance
*****	* * * * * * Fund Totals * * * * *
	Assets: Liabilities and Fund Balance: Net:

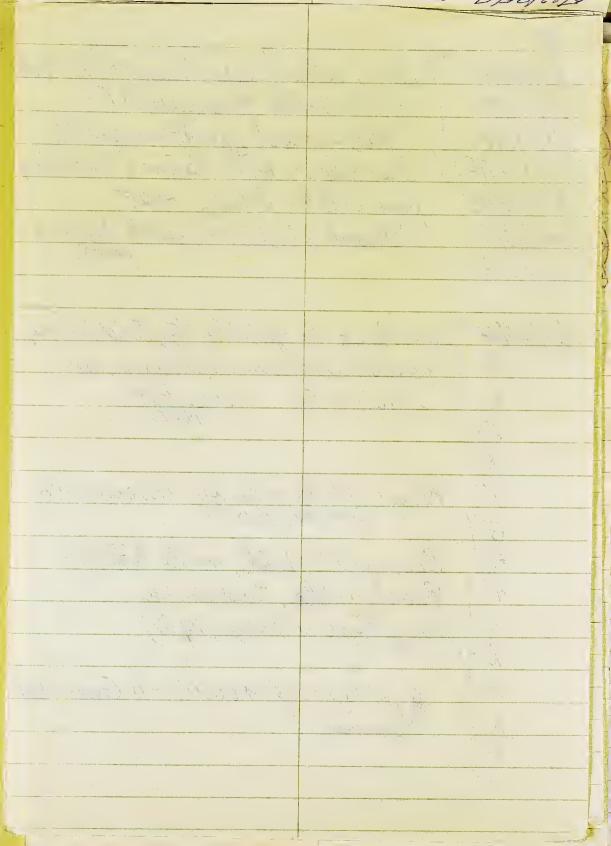
Minnesota 5/12/95. Cannon Falls, Minn. (llagnes Hill section) Sogn Roadout, Goodhue Co. Cum mingoville & Cummingoville annex Masonic Parka, Fillmore Co. Road cut & quarry mile W. of Fountain & alternate road



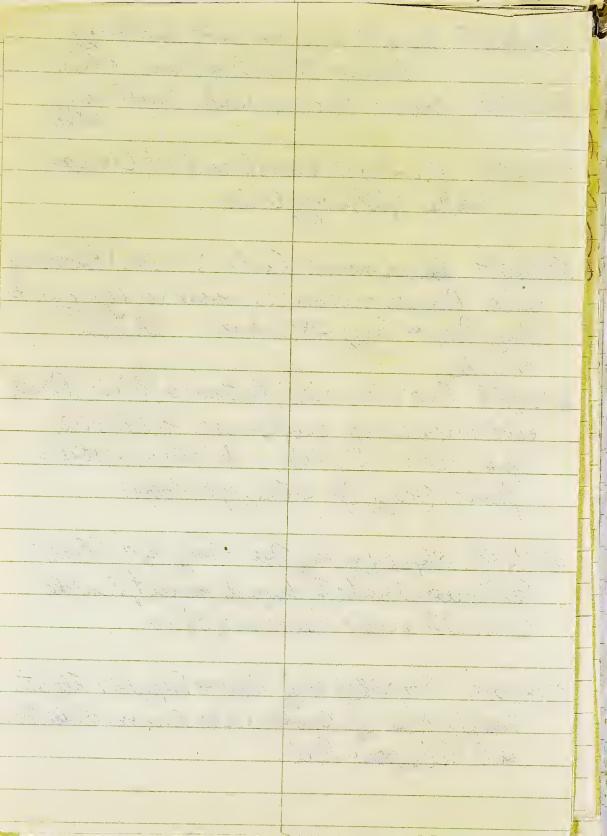
15/14/95/A Spring Grove X (2 bags) 15/95/A "4 mile S. of Graf hower part of Magnobeta For 5/16/95/A Sparry collecte. Dubuque. 5/21/95/A 7 Novide of RR cut at Nedge 5/21/95/B. Ellight Bros. Memorial Hill 5/21/95/C) Fairborn Ohio



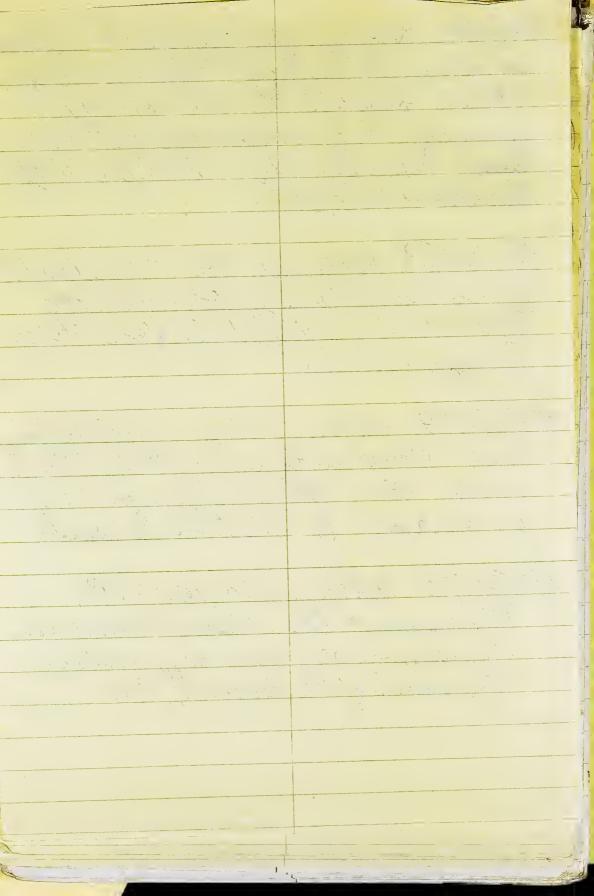
See afact, action collected 5/19/95/A 5/19/95/18 6/11/63-AA through Ah 5/19/95/0 Old road just west of 5/19/95/10 Camplen on Paint Creek, parallela State 725 5/19/95/E Brookville For, prote, lover 5/19/95/1 5/19/95/4. 5/20/95/H 2 miles + W. of hiberty Indiana rosed cut on Indiana 44. Union Co. (See tox). Near N. Hamburg. Union Co See Fox, 1962, C. Union Co Bonwell Hill, mile NE of Brookville, Indiana (Hay, Popal & Frey, 1981) K Émile Nof road to Gan Hell Marina. M \mathcal{N}



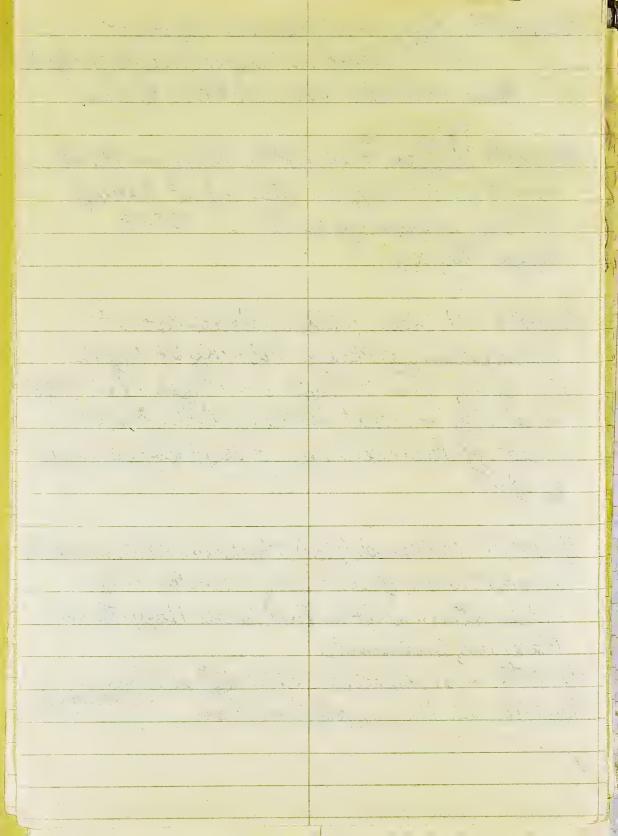
5/22/95/A. float. Caesar hake Spillway Holland's (1993) section. Ohio 5/22/95/B. floot. Caesar habe Spillway 5/22/95/C. On top of road cut at Caesas hake Spillway Ohio 5/23/95/A Banch road Krit I (Woide) Baturia Ohio. Road cuton on ramp, hower units (Hay, Pope & Frey 1981, Stop 1. Chio32. 5/23/95/3. Exit (W. side) Batavia, Ohio. Road cut on ramp enfrance to Chip32. Opp. side - S. side - thicker section float. (Hay, Pope + Frey, 1981, Stop 1. 5/23/95/C. Stop 2A of Hay Pope & Frey, 1981. Float: Bellouse Shale F. Road secret, 5. side, Ohio 32 near Batavia, Ohio 5/23/95/D. Stop 2Bof Hay Pope of Frey, 1981 Float. "Excello Mbr." of Brookwille Fm. on Ohio 132 at Filagor Rd.



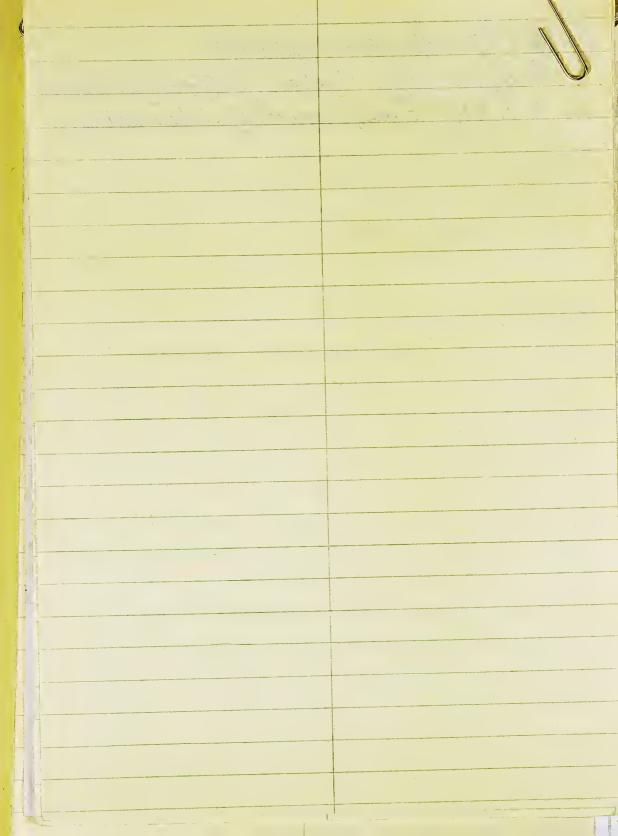
5/24/95/A. W. Jace of road cut - float at have of Bellast Mos on ledge above road Ohio Stree 41 immed. S. of crossing of Ohio But Brush Ck. 1. 4 miles S. of Tackaonville Ohio \$24/95/B. Holland loc. 32 miles N Ef intersection of OhioSt, the 247441 in West Union Ohio. Brassfield Fm 65/25/95/A Holland loc. W. of Georgetown Ohio. Road cuta along Ohio State Route 125 on (Haide of road cut) on Waide of Whiteoak Creek 5/25/95/B Holland's (1993) Pt, Pleciaount loc. Stream exposures on NE side of U.S. 52, 0.3 miles W. of uceatern city limits of Pt. Pleasant, Ohio.



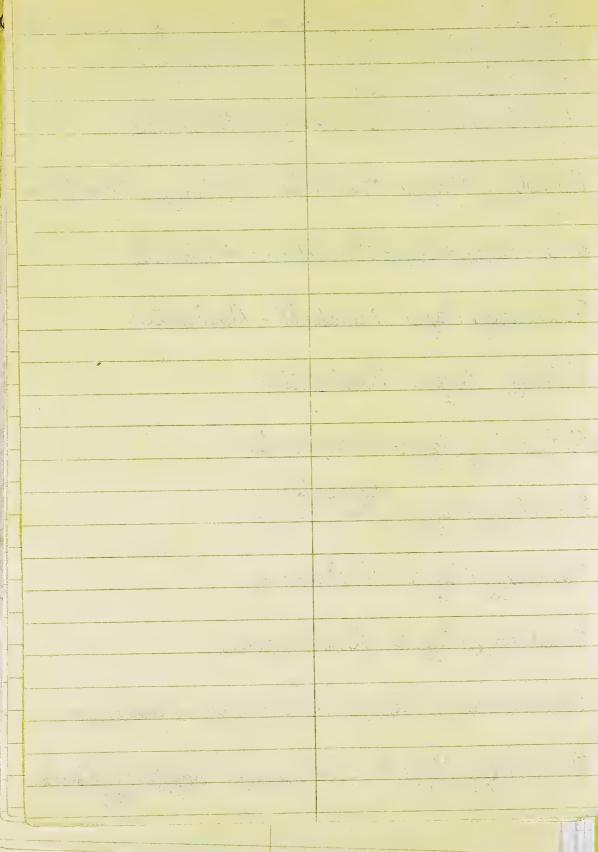
5/26/95/A. Meyer et al. Stop 2 on Ky thoy 8. (1981) Float in lower few ft of Kyetin Near Melolahl Warm on Ohio River 5/26/95/3. Meyer et al. (1981). Floot with at least 2 lithologies. Hill cut at back of Hillop shopping center on U568, Mayaville, Key 3/27/95/A. Reidlin (Mason) Road Cut at Intersection of Mason Rd & Ky St. Hwy 162 See p. 50, Toben & Payor in Meyer et al. (1991) road log - strat section. Coll. lonces part of Fairview Fm, I 30 ft above base John 5/31/95/A. Holland (1993), Madison No.3; roadeut on east side of MS 421, 3.1 miles N. of intersection with Indiana Hury 56 in Madison, Indiana 5/31/95/D. - 2 collections at 2 diff, positions in affect section 5/3i/95/B-D. Same stat section



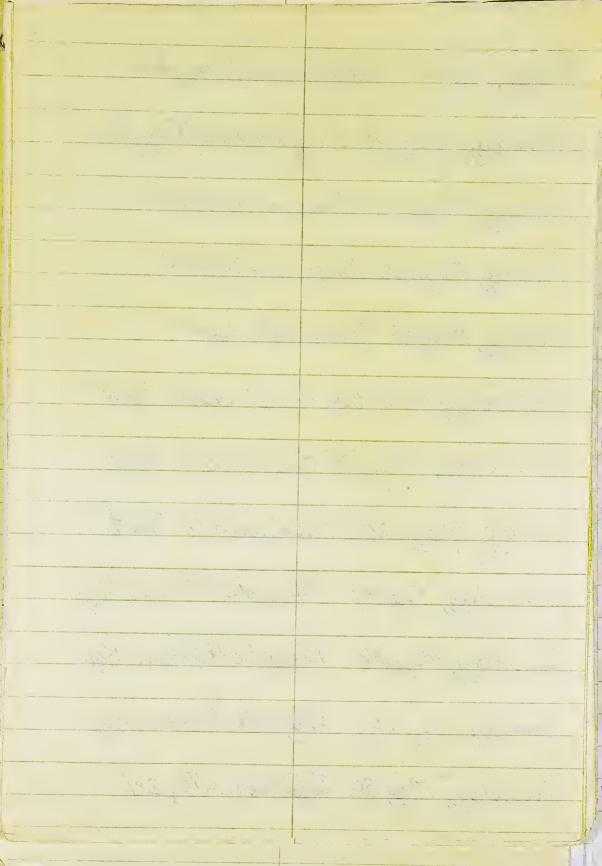
5/31/3995/G to 5/31/95/H & 5/31/95/T Bedford, Keg. Hollowd (1993), Roadeut on U.S. 42, 2.5 miles east of intersection



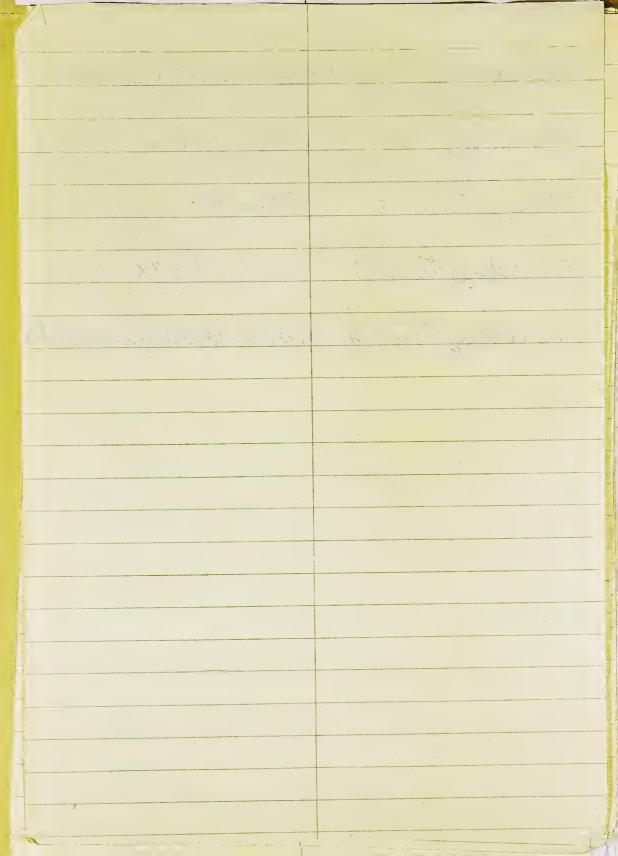
Road hog. Spring field trip May-Teine, 1995 Sunday May 7. Blm - Ellensberg via Snoqualinie Pass Monday May 8. Ellensburg - Missoula Tuesday, Mayq. Missoula-Billings-Sheridan Mednesday, May 10. Sheridan - Mischell Thursday May 11. Mitchell - Rochester Friday, May 12. Rochester Saturday May 13. Rochester Sunday May 14. Phulecque Monslay, May 15. Dubuque Tuesday, May 16. Dubuque Mednesday, May 17. Dubuque - Urbanas Thursday, May 18. Urbana Ih - Englowed Dayson Shio



Foiday, May 19. Englishood/Dayton Laturday May 20. Englewood/ Wayton Sunday May 21. Cincinnati Fast Monday May 22 Cincinnati East Tucaday, May 23 Cincinnati Kast Mednesolay, May 24. Cincinnati East Thursday May 25. Cincinnati Kast Faiday May 26. Cincinnati Fast Saturday, May 27. Elizabeth town Ky. Sunday, May 28. Elizabethtown, Ky Monday, May 29 Elizabeth town, Ky Toppessonville IN. Tuesday, May 30.



ellednesday, May 31. Reflersonville, Indiana dogletrensistedli to Sthorie , ison eleo Thursday, June 1. St. Louis, MO. Fenton, Motel b Friday, Tune 2. Tulaa OK who Fast White Saturday Time 4 arrive Cellinguet gue NA Iby____



Holland, S. M., 1993, Sequence Strategraphy of a carbonate-clastic rump, The Commetien Sories (Myer Ordo vicion) mi Associa Belita 1. 105. g. 306-322. 80 centra for xerex copying . G2 B.30-41, 48-59,64-69; 774-86 Areasta 15p. 1 2 ypages. 22×10 = \$2:20 \$3.00 totals 25 parking I-70 to I75 - South to Edwin C. Moses exit. Olio Jeol. Survey Inf. Circular v. 26, j. 1-14.

